

ENVIRONMENTAL EMI / RFI BACKSHELL



Both individual and overall shieldings can be terminated in this type in addition to the cable sealing as possible in the Environmental Backshell. It is an ideal choice for heavy duty cabling solutions in harsh environment situations where electromagnetic and radio frequency noises are to be isolated.

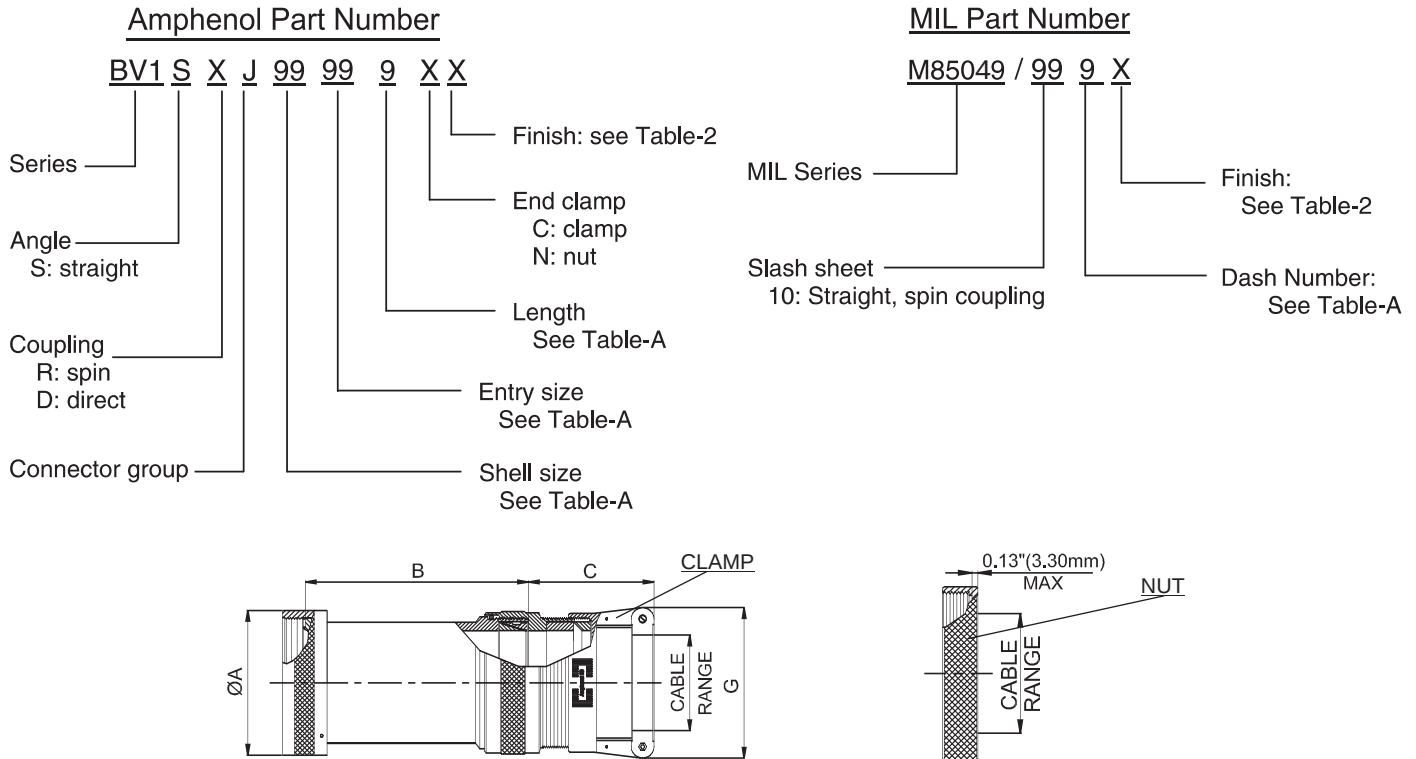
For Connector Group		Page No.
J	→	IV-1 - IV-8
K	→	IV-9 - IV-13
L	→	IV-14 - IV-20
M	→	IV-21 - IV-26
N	→	IV-27 - IV-32

Note: For Connector group Identification refer Table 1 - A, B, C, D (Page 7-11) and for Material / Plating Finish, Refer Table-2 (Page 12)



Connector Group - J

Straight



NOTE: * For more cable entry and length options, contact factory

TABLE - A																
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
													INCH	MM	INCH	MM
08	01	1	5	8	0.62	15.67	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.25	6.35
		2	6		0.62	15.67	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.25	6.35
	02	1	7*		0.62	15.67	2.88	73.15	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
		2	8*		0.62	15.67	3.88	98.55	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
		10	01		1	9	0.73	18.64	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18
2	10			0.73	18.64	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92	
02	1		11*	0.73	18.64	2.88	73.15	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
	2		12*	0.73	18.64	3.88	98.55	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10	
03	1		136	0.73	18.64	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.38	9.53	
	2		137	0.73	18.64	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.38	9.53	
	12		01	1	13	0.86	21.79	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44
2				14	0.86	21.79	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
02		1	15*	0.86	21.79	2.88	73.15	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88	
		2	16*	0.86	21.79	3.88	98.55	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88	
03		1	111	0.86	21.79	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.50	12.70	
		2	114	0.86	21.79	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92	
04		1	115	0.86	21.79	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92	
		1	138	0.86	21.79	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.50	12.70	
		2	139	0.86	21.79	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.50	12.70	
		05														

Table Continued

Connector Group - J

Straight

TABLE - A

TABLE - A																		
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE					
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX			
													INCH	MM	INCH	MM	INCH	MM
14	01	1	17	12/14	0.98	24.99	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.58	14.61		
		2	18		0.98	24.99	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.58	14.61		
	02	1	19*		0.98	24.99	2.88	73.15	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05		
		2	20*		0.98	24.99	3.88	98.55	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05		
	03	1	116		0.98	24.99	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10		
		2	117		0.98	24.99	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10		
	04	1	150		0.98	24.99	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92		
		2	151		0.98	24.99	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92		
16	01	1	21	19/16	1.11	28.24	2.13	54.10	1.92	48.67	1.55	39.40	0.50	12.70	0.70	17.78		
		2	22		1.11	28.24	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.70	17.78		
	02	1	23*		1.11	28.24	2.88	73.15	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80		
		2	24*		1.11	28.24	3.88	98.55	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80		
	03	1	112		1.11	28.24	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10		
		2	113		1.11	28.24	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10		
	04	1	118		1.11	28.24	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88		
		2	119		1.11	28.24	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88		
	05	1	152		1.11	28.24	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92		
		2	153		1.11	28.24	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92		
	18	01	1		25	27/18	1.22	30.94	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
			2		26		1.22	30.94	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
02		1	27	1.22	30.94		2.13	54.10	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05		
		2	28	1.22	30.94		3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05		
03		1	29*	1.22	30.94		2.88	73.15	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80		
		2	30*	1.22	30.94		3.88	98.55	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80		
04		1	120	1.22	30.94		2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92		
		2	121	1.22	30.94		3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92		
05		1	122	1.22	30.94		2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10		
		2	123	1.22	30.94		3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10		
20	01	1	31	37/20	1.35	34.16	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88		
		2	32		1.35	34.16	4.13	104.90	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88		
	02	1	33		1.35	34.16	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05		
		2	34		1.35	34.16	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05		
	03	1	35*		1.35	34.16	3.88	98.55	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80		
		2	36*		1.35	34.16	4.88	123.95	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80		
	04	1	37*		1.35	34.16	3.88	98.55	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75		
		2	38*		1.35	34.16	4.88	123.95	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75		
	05	1	124		1.35	34.16	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10		
		2	125		1.35	34.16	4.13	104.90	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10		
	06	1	140		1.35	34.16	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.90	22.96		
		2	141		1.35	34.16	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.90	22.96		
	22	01	1		39	22	1.47	37.29	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
			2		40		1.47	37.29	4.13	104.90	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
02		1	41	1.47	37.29		3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05		
		2	42	1.47	37.29		4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05		
03		1	43	1.47	37.29		3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80		
		2	44	1.47	37.29		4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80		
04		1	45*	1.47	37.29		3.88	98.55	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75		
		2	46*	1.47	37.29		4.88	123.95	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75		
05		1	126	1.47	37.29		3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92		
		2	127	1.47	37.29		4.13	104.90	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92		
06		1	128	1.47	37.29		3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10		
		2	129	1.47	37.29		4.13	104.90	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10		
07		1	142	1.47	37.29		3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	1.03	26.14		
		2	143	1.47	37.29		4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.03	26.14		

Table Continued

Connector Group - J

Straight

TABLE - A

TABLE - A																		
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE					
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX			
													INCH	MM	INCH	MM		
24	01	1	47	24	1.59	40.46	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05		
		2	48		1.59	40.46	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05		
	02	1	49		1.59	40.46	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.81	20.62		
		2	50		1.59	40.46	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.81	20.62		
	03	1	51		1.59	40.46	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80		
		2	52		1.59	40.46	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80		
	04	1	53*		1.59	40.46	3.88	98.55	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75		
		2	54*		1.59	40.46	4.88	123.95	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75		
	05	1	130		1.59	40.46	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88		
		2	131		1.59	40.46	4.13	104.90	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88		
	06	1	144		1.59	40.46	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	1.14	29.06		
		2	145		1.59	40.46	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.14	29.06		
28	01	1	55	28	1.97	50.01	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05		
		2	56		1.97	50.01	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05		
	02	1	57		1.97	50.01	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80		
		2	58		1.97	50.01	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80		
	03	1	59		1.97	50.01	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75		
		2	60		1.97	50.01	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75		
	04	1	61		1.97	50.01	3.13	79.50	2.02	51.41	23.63	600.20	1.00	25.40	1.38	34.93		
		2	62		1.97	50.01	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93		
	32	01	1		63	32	2.22	56.36	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
			2		64		2.22	56.36	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
02		1	65	2.22	56.36		3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	12.50	317.50		
		2	66	2.22	56.36		4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75		
03		1	67	2.22	56.36		3.13	79.50	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93		
		2	68	2.22	56.36		4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93		
04		1	69	2.22	56.36		3.13	79.50	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28		
		2	70	2.22	56.36		4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28		
36	01	1	71	36	2.47	62.71	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75		
		2	72		2.47	62.71	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75		
	02	1	73		2.47	62.71	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93		
		2	74		2.47	62.71	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93		
	03	1	75		2.47	62.71	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28		
		2	76		2.47	62.71	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28		
	04	1	77*		2.47	62.71	5.01	127.25	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63		
		2	78*		2.47	62.71	6.01	152.65	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63		
	05	1	132		2.47	62.71	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05		
		2	133		2.47	62.71	5.13	130.30	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05		
	06	1	146		2.47	62.71	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.84	46.74		
		2	147		2.47	62.71	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.84	46.74		
	07	1	148		2.47	62.71	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80		
		2	149		2.47	62.71	5.13	130.30	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80		
40	01	1	79	40	2.72	69.06	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75		
		2	80		2.72	69.06	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75		
	02	1	81		2.72	69.06	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93		
		2	82		2.72	69.06	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93		
	03	1	83		2.72	69.06	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28		
		2	84		2.72	69.06	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28		
	04	1	85		2.72	69.06	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63		
		2	86		2.72	69.06	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63		
	05	1	134		2.72	69.06	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05		
		2	135		2.72	69.06	5.13	130.30	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05		
	06	1	156		2.72	69.06	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80		
		2	157		2.72	69.06	5.13	130.30	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80		

Table Continued

Connector Group - J

Straight

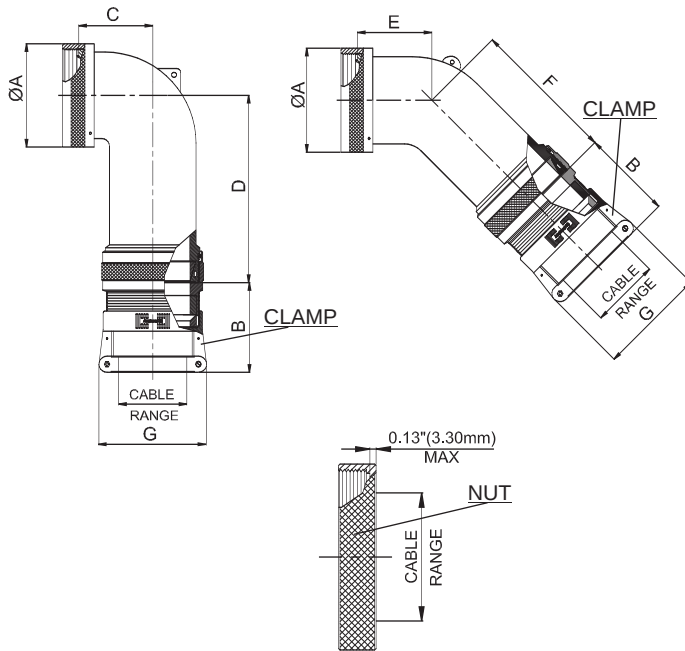
TABLE - A

TABLE - A																
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
													INCH	MM	INCH	MM
44	01	1	87	44	2.97	75.41	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
		2	88		2.97	75.41	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	02	1	89		2.97	75.41	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
		2	90		2.97	75.41	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	03	1	91		2.97	75.41	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
		2	92		2.97	75.41	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	04	1	93		2.97	75.41	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
		2	94		2.97	75.41	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	05	1	154		2.97	75.41	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
		2	155		2.97	75.41	5.13	130.30	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
48	01	1	95	48	3.22	81.76	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
		2	96		3.22	81.76	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	02	1	97		3.22	81.76	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
		2	98		3.22	81.76	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	03	1	99		3.22	81.76	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
		2	100		3.22	81.76	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	04	1	101		3.22	81.76	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
		2	102		3.22	81.76	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63

(*) ---- DENOTES STYLE 2

Connector Group - J

90°, 45°



Amphenol Part Number

BV1 X X J 99 99 9 X X

Series ————
Angle ————
A: 90deg
B: 45deg
Coupling ————
R: spin
Connector group ————

Finish: see Table-2
End clamp
C: clamp
N: nut
Length
9: Not applicable
Entry size
See Table-B
Shell size
See Table-B

MIL Part Number

M85049 / 99 9 X

MIL Series ————
Slash sheet ————
8: 90deg, spin coupling
6: 45deg, spin coupling
Finish:
See Table-2
Dash Number:
See Table-B

NOTE: * For more cable entry options, contact factory

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)	
SHELL SIZE	ENTRY SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	3	8	0.62	15.67	1.54	39.22	0.67	17.02	1.26	32.00	0.63	16.00	1.25	31.75
10	01	4	10	0.73	18.64	1.54	39.22	0.76	19.30	1.98	50.29	0.69	17.53	1.92	48.77
	02	49*		0.73	18.64	1.54	39.22	1.52	38.61	2.00	50.80	1.50	38.10	1.98	50.29
	03	5		0.73	18.64	1.54	39.22	0.76	19.30	1.38	35.05	0.69	17.53	1.31	33.27
12	01	6	7/12	0.86	21.79	1.54	39.22	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29
	02	71*		0.86	21.79	1.84	46.84	1.81	45.97	2.16	54.86	1.65	41.91	2.18	55.37
	03	7		0.86	21.79	1.54	39.22	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29
	04	8		0.86	21.79	1.84	46.84	0.77	19.56	1.40	35.56	0.75	19.05	1.98	50.29
14	01	9	12/14	0.98	24.99	1.54	39.22	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58
	02	10		0.98	24.99	1.84	46.84	0.87	22.10	1.72	43.69	0.81	20.57	1.72	43.69
	03	50*		0.98	24.99	1.92	48.67	1.89	48.01	2.33	59.18	1.84	46.74	2.37	60.20
	04	74		0.98	24.99	1.54	39.22	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58
16	01	11	19/16	1.11	28.24	1.54	39.22	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37
	02	12		1.11	28.24	1.92	48.67	1.05	26.67	1.81	45.97	0.91	23.11	1.82	46.23
	03	40		1.11	28.24	1.84	46.84	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37
	04	51*		1.11	28.24	2.00	50.80	2.04	51.82	2.44	61.98	1.94	49.28	2.52	64.01
	05	75		1.11	28.24	1.54	39.22	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37
18	01	13	27/18	1.22	30.94	1.84	46.84	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	02	14		1.22	30.94	2.00	50.80	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80
	03	41		1.22	30.94	1.54	39.22	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	04	42		1.22	30.94	1.54	39.22	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	05	52		1.22	30.94	1.92	48.67	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	06	72*		1.22	30.94	2.00	50.80	2.05	52.07	2.44	61.98	1.94	49.28	2.52	64.01

Table Continued

Connector Group - J

90°, 45°

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)	
SHELL SIZE	ENTRY SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
20	01	15	37/20	1.35	34.16	1.84	46.84	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	02	16		1.35	34.16	2.00	50.80	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80
	03	43		1.35	34.16	1.54	39.22	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	04	54		1.35	34.16	1.92	48.67	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	05	55		1.35	34.16	2.23	56.64	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28
22	01	17	22	1.47	37.29	1.92	48.72	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	02	18		1.47	37.29	2.23	56.64	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86
	03	44		1.47	37.29	1.54	39.22	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	04	45		1.47	37.29	1.54	39.22	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	05	56		1.47	37.29	1.84	46.84	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	06	57		1.47	37.29	2.00	50.80	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	07	58*		1.47	37.29	2.23	56.64	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28
24	01	19	24	1.59	40.46	1.92	48.67	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	02	20		1.59	40.46	2.23	56.64	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86
	03	46		1.59	40.46	1.84	46.84	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	04	59		1.59	40.46	2.00	50.80	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	05	73*		1.59	40.46	2.23	56.64	2.15	54.61	2.61	66.29	2.06	52.32	2.57	65.28
28	01	21	28	1.97	50.01	2.00	50.80	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28
	02	22		1.97	50.01	2.02	51.41	1.39	35.31	2.26	57.40	1.31	33.27	2.22	56.39
	03	60		1.97	50.01	1.92	48.67	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28
	04	61		1.97	50.01	2.23	56.64	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28
32	01	23	32	2.22	56.36	2.00	50.80	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82
	02	24		2.22	56.36	2.23	56.64	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82
	03	25		2.22	56.36	2.55	64.77	1.74	44.20	2.51	63.75	1.38	35.05	2.32	58.93
	04	62		2.22	56.36	2.02	51.41	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82
36	01	26	36	2.47	62.71	2.00	50.80	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	02	27		2.47	62.71	2.02	51.41	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	03	28		2.47	62.71	2.60	66.04	1.94	49.28	2.48	62.99	1.41	35.81	2.41	61.21
	04	47		2.47	62.71	1.92	48.67	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	05	63		2.47	62.71	2.23	56.64	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	06	64		2.47	62.71	2.55	64.77	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
40	01	29	40	2.72	69.06	2.00	50.80	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	02	30		2.72	69.06	2.02	51.41	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	03	31		2.72	69.06	2.60	66.04	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21
	04	48		2.72	69.06	1.92	48.67	1.94	49.28	2.83	71.88	2.16	54.86	2.76	70.10
	05	65		2.72	69.06	2.23	56.64	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	06	66		2.72	69.06	2.55	64.77	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
44	01	32	44	2.97	75.41	2.00	50.80	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	02	33		2.97	75.41	2.02	51.41	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	03	34		2.97	75.41	2.60	66.04	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21
	04	67		2.97	75.41	2.23	56.64	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	05	68		2.97	75.41	2.55	64.77	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
48	01	35	48	3.22	81.76	2.00	50.80	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	02	36		3.22	81.76	2.02	51.41	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	03	37		3.22	81.76	2.60	66.04	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21
	04	69		3.22	81.76	2.23	56.64	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	05	70		3.22	81.76	2.55	64.77	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10

(*) ---- DENOTES STYLE 2

Table Continued

Connector Group - J

90°, 45°

TABLE - B									
AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE	DASH NO		INCH	MM	MIN		MAX	
						INCH	MM	INCH	MM
08	01	3	8	0.96	24.31	0.13	3.18	0.25	6.35
10	01	4	10	0.96	24.31	0.13	3.18	0.31	7.92
	02	49*		1.15	29.08	0.25	6.35	0.44	11.10
	03	5		1.15	29.08	0.25	6.35	0.38	9.53
12	01	6	7/12	0.96	24.31	0.13	3.18	0.31	7.92
	02	71*		1.33	33.83	0.35	8.89	0.63	15.88
	03	7		1.15	29.08	0.25	6.35	0.44	11.10
	04	8		1.33	33.83	0.35	8.89	0.50	12.70
14	01	9	12/14	1.15	29.08	0.25	6.35	0.44	11.10
	02	10		1.33	33.83	0.35	8.89	0.58	14.61
	03	50*		1.55	39.40	0.50	12.70	0.75	19.05
	04	74		0.96	24.31	0.13	3.18	0.31	7.92
16	01	11	19/16	1.15	29.08	0.25	6.35	0.44	11.10
	02	12		1.55	39.40	0.50	12.70	0.70	17.78
	03	40		1.33	33.83	0.35	8.89	0.63	15.88
	04	51*		1.77	44.96	0.63	15.88	0.94	23.80
	05	75		0.96	24.31	0.13	3.18	0.31	7.92
18	01	13	27/18	1.33	33.83	0.35	8.89	0.63	15.88
	02	14		1.77	44.96	0.63	15.88	0.78	19.79
	03	41		0.96	24.31	0.13	3.18	0.31	7.92
	04	42		1.15	29.08	0.25	6.35	0.44	11.10
	05	52		1.55	39.40	0.50	12.70	0.75	19.05
	06	72*		1.77	44.96	0.63	15.88	0.94	23.80
20	01	15	37/20	1.33	33.83	0.35	8.89	0.63	15.88
	02	16		1.77	44.96	0.63	15.88	0.90	22.96
	03	43		1.15	29.08	0.25	6.35	0.44	11.10
	04	54		1.55	39.40	0.50	12.70	0.75	19.05
	05	55		2.11	53.67	0.88	22.23	1.25	31.75
22	01	17	22	1.55	39.40	0.50	12.70	0.75	19.05
	02	18		2.11	53.67	0.88	22.23	1.03	26.14
	03	44		0.96	24.31	0.13	3.18	0.31	7.92
	04	45		1.15	29.08	0.25	6.35	0.44	11.10
	05	56		1.33	33.83	0.35	8.89	0.63	15.88
	06	57		1.77	44.96	0.63	15.88	0.94	23.80
	07	58*		2.11	53.67	0.88	22.23	1.25	31.75
24	01	19	24	1.55	39.40	0.50	12.70	0.75	19.05
	02	20		2.11	53.67	0.88	22.23	1.14	29.06
	03	46		1.33	33.83	0.35	8.89	0.63	15.88
	04	59		1.77	44.96	0.63	15.88	0.94	23.80
	05	73*		2.12	53.75	0.88	22.23	1.25	31.75
28	01	21	28	1.77	44.96	0.63	15.88	0.94	23.80
	02	22		2.36	60.02	1.00	25.40	1.38	34.93
	03	60		1.55	39.40	0.50	12.70	0.75	19.05
	04	61		2.11	53.67	0.88	22.23	1.25	31.75
32	01	23	32	1.77	44.96	0.63	15.88	0.94	23.80
	02	24		2.11	53.67	0.88	22.23	1.25	31.75
	03	25		2.77	70.36	1.25	31.75	1.63	41.28
	04	62		2.36	60.02	1.00	25.40	1.38	34.93

Table Continued



Connector Group - J

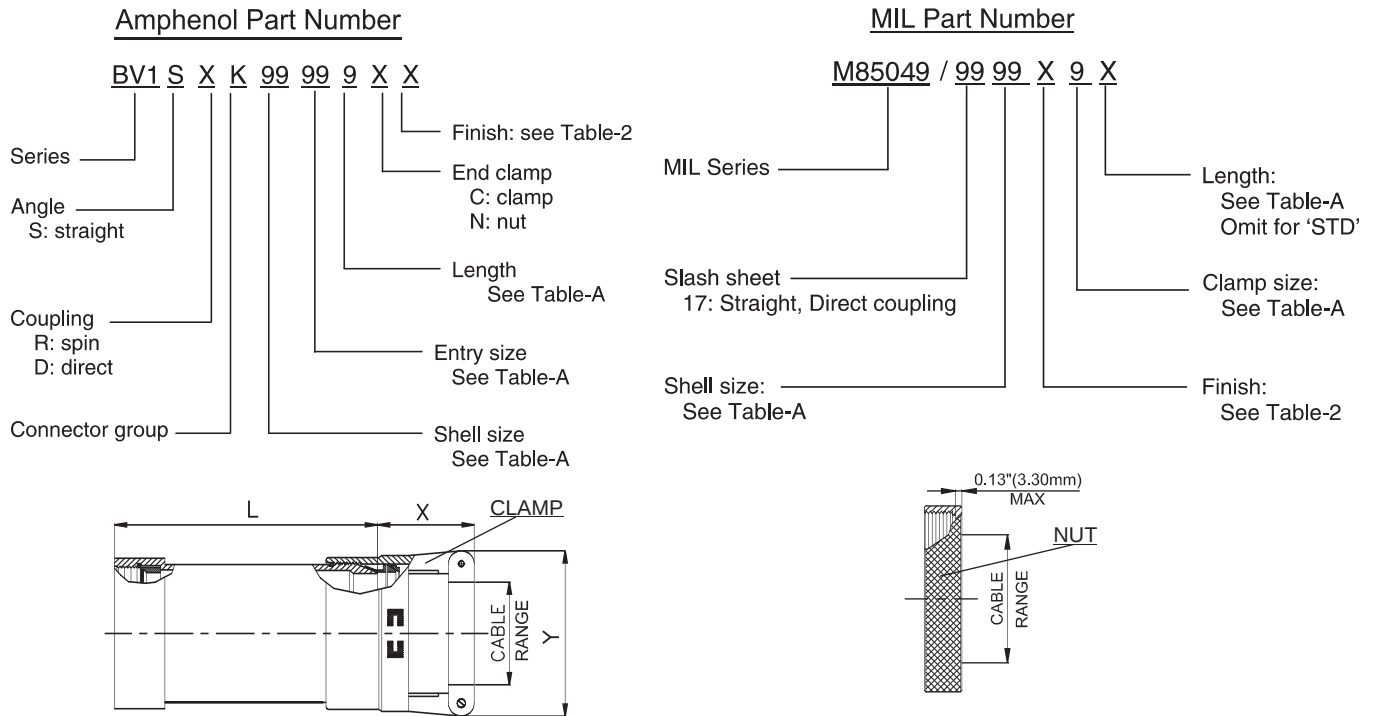
90°, 45°

TABLE - B									
AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE	DASH NO		INCH	MM	MIN		MAX	
						INCH	MM	INCH	MM
36	01	26	36	1.77	44.96	0.63	15.88	0.94	23.80
	02	27		2.36	60.02	1.00	25.40	1.38	34.93
	03	28		3.02	76.71	1.44	36.50	1.84	46.74
	04	47		1.55	39.40	0.50	12.70	0.75	19.05
	05	63		2.11	53.67	0.88	22.23	1.25	31.75
	06	64		2.77	70.36	1.25	31.75	1.63	41.28
40	01	29	40	1.77	44.96	0.63	15.88	0.94	23.80
	02	30		2.36	60.02	1.00	25.40	1.38	34.93
	03	31		3.02	76.71	1.44	36.50	1.88	47.63
	04	48		1.55	39.40	0.50	12.70	0.75	19.05
	05	65		2.11	53.67	0.88	22.23	1.25	31.75
	06	66		2.77	70.36	1.25	31.75	1.63	41.28
44	01	32	44	1.77	44.96	0.63	15.88	0.94	23.80
	02	33		2.36	60.02	1.00	25.40	1.38	34.93
	03	34		3.02	76.71	1.44	36.50	1.88	47.63
	04	67		2.11	53.67	0.88	22.23	1.25	31.75
	05	68		2.77	70.36	1.25	31.75	1.63	41.28
48	01	35	48	1.77	44.96	0.63	15.88	0.94	23.80
	02	36		2.36	60.02	1.00	25.40	1.38	34.93
	03	37		3.02	76.71	1.44	36.50	1.88	47.63
	04	69		2.11	53.67	0.88	22.23	1.25	31.75
	05	70		2.77	70.36	1.25	31.75	1.63	41.28

(*) ---- DENOTES STYLE 2

Connector Group - K

Straight



NOTE: * For more cable entry and length options, contact factory

TABLE - A																
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I	LENGTH	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	ACCESSORY SHELL SIZE	CLAMP SIZE			MIN		MAX		INCH	MM	INCH	MM	INCH	MM
							INCH	MM	INCH	MM						
08	01	1	08	1	8 / 9	STD.	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
		A				2.53					64.26					
	02	1		2		STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2				A					2.53	64.26				
10	01	1	10	1	10 / 11	STD.	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
		A				2.53					64.26					
	02	1		2		STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2				A					2.53	64.26				
	03	1		3		STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2				A					2.53	64.26				
12	01	1	12	2	12 / 13	STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		A				2.53					64.26					
	02	1		3		STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2				A					2.53	64.26				
	03	1		4		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2				A					2.53	64.26				
14	01	1	14	2	14 / 15	STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		A				2.53					64.26					
		B				3.53					89.66					
		2				STD.					1.53	38.86				
	02	1		3		A	0.25	6.35	0.38	9.53	2.53	64.26	1.25	31.75	1.06	26.92
		2				B					3.53	89.66				
		3				STD.					1.53	38.86				
		2				A					2.53	64.26				
	03	1		4		B	0.38	9.53	0.50	12.70	3.53	89.66	1.25	31.75	1.16	29.46
		2				STD.					1.53	38.86				
		3				A					2.53	64.26				
		2				B					3.53	89.66				
	04	1		5		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		2				STD.					1.53	38.86				

Table Continued

Connector Group - K

Straight

TABLE - A

TABLE - A																		
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I		CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)			
SHELL SIZE	ENTRY SIZE	LENGTH	ACCESSORY SHELL SIZE	CLAMP SIZE		LENGTH	MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM
							INCH	MM	INCH	MM								
16	01	1	16	2	16 / 17	STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64		
		A				2.53					64.26							
		B				3.53					89.66							
	02	1		STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92			
		2		A						2.53	64.26							
		3		B						3.53	89.66							
	03	1		STD.		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46			
		2		A						2.53	64.26							
		3		B						3.53	89.66							
	04	1		STD.		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75			
		2		A						2.53	64.26							
		3		B						3.53	89.66							
	05	1		STD.		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05			
		2		A						2.53	64.26							
		3		B						3.53	89.66							
18	01	1	18	3	18 / 19	STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92		
		A				2.53					64.26							
		B				3.53					89.66							
	02	1		STD.		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46			
		2		A						2.53	64.26							
		3		B						3.53	89.66							
	03	1		STD.		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75			
		2		A						2.53	64.26							
		3		B						3.53	89.66							
	04	1		STD.		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05			
		2		A						2.53	64.26							
		3		B						3.53	89.66							
	05	1		STD.		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10			
		2		A						2.53	64.26							
		3		B						3.53	89.66							
20	01	1	20	3	20 / 21	STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92		
		A				2.53					64.26							
		B				3.53					89.66							
		C				4.53					115.06							
	02	1		STD.		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46			
		2		A						2.53	64.26							
		3		B						3.53	89.66							
		4		C						4.53	115.06							
	03	1		STD.		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75			
		2		A						2.53	64.26							
		3		B						3.53	89.66							
		4		C						4.53	115.06							
	04	1		STD.		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05			
		2		A						2.53	64.26							
		3		B						3.53	89.66							
		4		C						4.53	115.06							
	05	1		STD.		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10			
		2		A						2.53	64.26							
		3		B						3.53	89.66							
		4		C						4.53	115.06							
	06	1		STD.		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40			
		2		A						2.53	64.26							
		3		B						3.53	89.66							
		4		C						4.53	115.06							

Table Continued

Connector Group - K

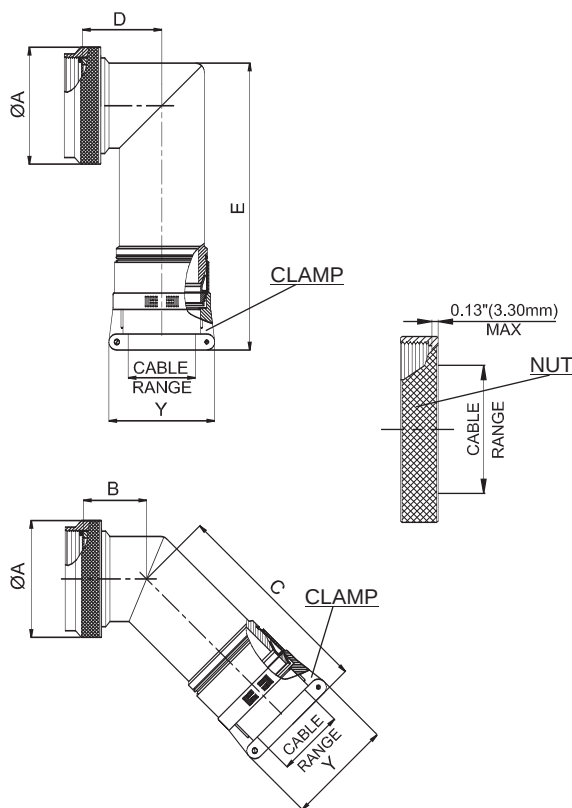
Straight

TABLE - A

TABLE - A																	
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I	LENGTH	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)		
SHELL SIZE	ENTRY SIZE	LENGTH	ACCESSORY SHELL SIZE	CLAMP SIZE			MIN	MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM
								INCH	MM								
22	01	1	22	3	22 /23	STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92	
		2				A					2.53	64.26					
		3				B					3.53	89.66					
		4				C					4.53	115.06					
	02	1		4		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46	
		2				A					2.53	64.26					
		3				B					3.53	89.66					
		4				C					4.53	115.06					
	03	1		5		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75	
		2				A					2.53	64.26					
		3				B					3.53	89.66					
		4				C					4.53	115.06					
	04	1	6	STD.		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05		
		2		A						2.53	64.26						
		3		B						3.53	89.66						
		4		C						4.53	115.06						
22	05	1	22	7	22 /23	STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10	
		2				A					2.53	64.26					
		3				B					3.53	89.66					
		4				C					4.53	115.06					
	06	1		8		STD.	0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40	
		2				A					2.53	64.26					
		3				B					3.53	89.66					
		4				C					4.53	115.06					
	17	1		9		STD.	1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45	
		2				A					2.53	64.26					
		3				B					3.53	89.66					
		4				C					4.53	115.06					
24	01	1	24	4	24 / 25	STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46	
		2				A					2.53	64.26					
		3				B					3.53	89.66					
		4				C					4.53	115.06					
	02	1		5		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75	
		2				A					2.53	64.26					
		3				B					3.53	89.66					
		4				C					4.53	115.06					
	03	1		6		STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05	
		2				A					2.53	64.26					
		3				B					3.53	89.66					
		4				C					4.53	115.06					
	04	1		7		STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10	
		2				A					2.53	64.26					
		3				B					3.53	89.66					
		4				C					4.53	115.06					
	05	1		8		STD.	0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40	
		2				A					2.53	64.26					
		3				B					3.53	89.66					
		4				C					4.53	115.06					
	06	1		9		STD.	1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45	
		2				A					2.53	64.26					
		3				B					3.53	89.66					
		4				C					4.53	115.06					
	07	1		10		STD.	1.13	28.58	1.25	31.75	1.53	38.86	1.63	41.40	1.88	47.75	
		2				A					2.53	64.26					
		3				B					3.53	89.66					
		4				C					4.53	115.06					

Connector Group - K

90°, 45°



Amphenol Part Number

BV1 X X K 99 99 9 X X

Series _____
 Angle _____
 A: 90deg
 B: 45deg
 Coupling _____
 R: spin
 Connector group _____

Finish: see Table-2
 End clamp
 C: clamp
 N: nut
 Length
 9: Not applicable
 Entry size
 See Table-B
 Shell size
 See Table-B

MIL Part Number

M85049 / 99 99 X 9

MIL Series _____
 Slash sheet _____
 76: 90deg, spin coupling
 77: 45deg, spin coupling
 Shell size: _____
 See Table-B

Clamp size:
 See Table-B
 Omit for 'STD'
 Finish:
 See Table-2

NOTE: * For more cable entry options, contact factory

TABLE - B

TABLE - B																				
AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	ACCESSORY SHELL SIZE	CLAMP SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
					INCH	MM	INCH	MM												
08	01	08	1	8 / 9	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.80	20.32
	02		2		0.13	3.18	0.25	6.35											1.00	25.40
10	01	10	1	10 / 11	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.80	20.32
	02		2		0.13	3.18	0.25	6.35											1.00	25.40
	03		3		0.25	6.35	0.38	9.53											1.10	27.94
12	01	12	2	12 / 13	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	1.00	25.40
	02		3		0.25	6.35	0.38	9.53											1.10	27.94
	03		4		0.38	9.53	0.50	12.70											1.20	30.48
14	01	14	2	14 / 15	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	1.00	25.40
	02		3		0.25	6.35	0.38	9.53											1.10	27.94
	03		4		0.38	9.53	0.50	12.70											1.20	30.48
	04		5		0.50	12.70	0.63	15.88											1.25	31.75
16	01	16	2	16 / 17	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.00	25.40
	02		3		0.25	6.35	0.38	9.53											1.10	27.94
	03		4		0.38	9.53	0.50	12.70											1.20	30.48
	04		5		0.50	12.70	0.63	15.88											1.25	31.75
	05		6		0.63	15.88	0.75	19.05											1.40	35.56
18	01	18	3	18 / 19	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.10	27.94
	02		4		0.38	9.53	0.50	12.70											1.20	30.48
	03		5		0.50	12.70	0.63	15.88											1.25	31.75
	04		6		0.63	15.88	0.75	19.05											1.40	35.56
	05		7		0.75	19.05	0.88	22.23											1.50	38.10

Table Continued

Connector Group - K

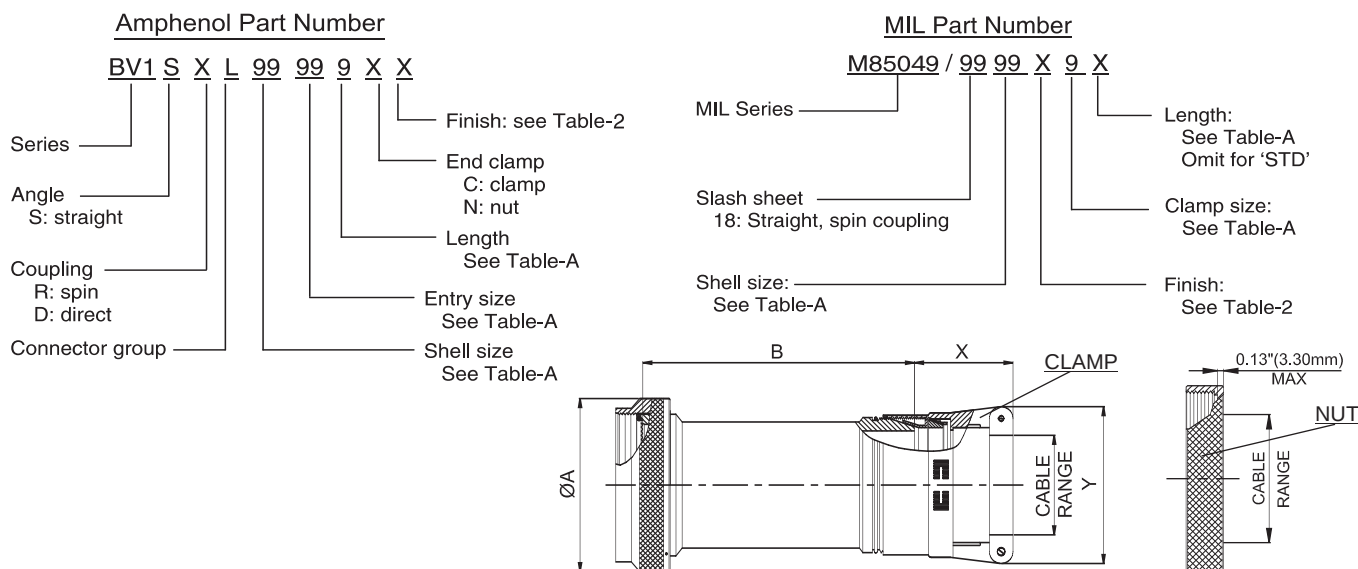
90°, 45°

TABLE - B

TABLE - B																				
AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE - II / I	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	ACCESSORY SHELL SIZE	CLAMP SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
					INCH	MM	INCH	MM												
20	01	20	3	20 / 21	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.10	27.94
	02		4		0.38	9.53	0.50	12.70											1.20	30.48
	03		5		0.50	12.70	0.63	15.88											1.25	31.75
	04		6		0.63	15.88	0.75	19.05											1.40	35.56
	05		7		0.75	19.05	0.88	22.23											1.50	38.10
	06		8		0.88	22.23	1.00	25.40											1.65	41.91
22	01	22	3	22 /23	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.10	27.94
	02		4		0.38	9.53	0.50	12.70											1.20	30.48
	03		5		0.50	12.70	0.63	15.88											1.25	31.75
	04		6		0.63	15.88	0.75	19.05											1.40	35.56
	05		7		0.75	19.05	0.88	22.23											1.50	38.10
	06		8		0.88	22.23	1.00	25.40											1.65	41.91
	07		9		1.00	25.40	1.13	28.58											1.75	44.45
24	01	24	4	24 / 25	0.38	9.53	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.20	30.48
	02		5		0.50	12.70	0.63	15.88											1.25	31.75
	03		6		0.63	15.88	0.75	19.05											1.40	35.56
	04		7		0.75	19.05	0.88	22.23											1.50	38.10
	05		8		0.88	22.23	1.00	25.40											1.65	41.91
	06		9		1.00	25.40	1.13	28.58											1.75	44.45
	07		10		1.13	28.58	1.25	31.75											1.90	48.26

Connector Group - L

Straight



NOTE: * For more cable entry and length options, contact factory

TABLE - A

TABLE - A																					
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)				
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM			
							INCH	MM	INCH	MM											
08	01	1	09	1	STD.	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	1.53	38.86	1.25	31.75	0.80	20.32			
		2			A				2.53	64.26											
	02	1		STD.	0.13		3.18	0.25	6.35	1.53			38.86								
		2		A				2.53	64.26												
10	01	1	11	1	STD.	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	1.53	38.86	1.25	31.75	0.80	20.32			
		2			A				2.53	64.26											
	02	1		STD.	0.13		3.18	0.25	6.35	1.53			38.86								
		2		A				2.53	64.26												
	03	1		STD.	0.25		6.35	0.38	9.53	1.53			38.86	1.25					31.75	1.10	27.94
		2		A				2.53	64.26												
12	01	1	13	2	STD.	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	1.53	38.86	1.25	31.75	1.00	25.40			
		2			A				2.53	64.26											
	02	1		STD.	0.25		6.35	0.38	9.53	1.53			38.86	1.25					31.75	1.10	27.94
		2		A				2.53	64.26												
	03	1		STD.	0.38		9.53	0.50	12.70	1.53			38.86	1.25					31.75	1.20	30.48
		2		A				2.53	64.26												
14	01	1	15	2	STD.	15 / D	0.13	3.18	0.25	6.35	1.15	29.21	1.53	38.86	1.25	31.75	1.00	25.40			
		2			A				2.53	64.26											
		3			B				3.53	89.66											
		1			STD.		0.25	6.35	0.38	9.53			1.53	38.86					1.25	31.75	1.10
	02	2		A				2.53	64.26												
		3		B				3.53	89.66												
		1		STD.	0.38		9.53	0.50	12.70	1.53			38.86	1.25	31.75	1.20	30.48				
	03	2		A				2.53	64.26												
		3		B				3.53	89.66												
		04		1	5		STD.	0.50	12.70	0.63			15.88					1.53	38.86	1.31	33.27
	2			A					2.53	64.26											
	3			B					3.53	89.66											
1	STD.							1.53	38.86												
16	01	1	17	2	STD.	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	1.53	38.86	1.25	31.75	1.00	25.40			
		2			A				2.53	64.26											
		3			B				3.53	89.66											
		1			STD.		0.25	6.35	0.38	9.53			1.53	38.86					1.25	31.75	1.10
	02	2		A				2.53	64.26												
		3		B				3.53	89.66												
		1		STD.	0.38		9.53	0.50	12.70	1.53			38.86	1.25	31.75	1.20	30.48				
	03	2		A				2.53	64.26												
		3		B				3.53	89.66												
		04		1	5		STD.	0.50	12.70	0.63			15.88					1.53	38.86	1.31	33.27
	2			A					2.53	64.26											
	3			B					3.53	89.66											
	1			STD.									1.53	38.86							
	05	2		6	A		0.63	15.88	0.75	19.05			2.53	64.26	1.38	35.05	1.40	35.56			
		3			B				3.53	89.66											
		1			STD.								1.53	38.86							
2		A				2.53	64.26														

Table Continued

Connector Group - L

Straight

TABLE - A

TABLE - A																		
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM
							INCH	MM	INCH	MM								
18	01	1	19	3	STD.	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	1.53	38.86	1.25	31.75	1.10	27.94
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	02	1		4	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	03	1		5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	04	1		6	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	05	1		7	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		2			A								2.53	64.26				
		3			B								3.53	89.66				
20	01	1	21	3	STD.	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	1.53	38.86	1.25	31.75	1.10	27.94
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	02	1		4	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	03	1		5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	04	1		6	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	05	1		7	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	06	1		8	STD.		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
22	01	1	23	3	STD.	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.53	38.86	1.25	31.75	1.10	27.94
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	02	1		4	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	03	1		5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	04	1		6	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	05	1		7	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	06	1		8	STD.		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
2		A	2.53		64.26													
3		B	3.53		89.66													
4		C	4.53		115.06													
07	1	9	STD.	1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45					
	2		A					2.53	64.26									
	3		B					3.53	89.66									
	4		C					4.53	115.06									

Connector Group - L

Straight

TABLE - A

TABLE - A																		
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM
							INCH	MM	INCH	MM								
18	01	1	19	3	STD.	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	1.53	38.86	1.25	31.75	1.10	27.94
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	02	1		4	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	03	1		5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	04	1		6	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	05	1		7	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		2			A								2.53	64.26				
		3			B								3.53	89.66				
20	01	1	21	3	STD.	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	1.53	38.86	1.25	31.75	1.10	27.94
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	02	1		4	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	03	1		5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	04	1		6	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	05	1		7	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	06	1		8	STD.		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
22	01	1	23	3	STD.	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.53	38.86	1.25	31.75	1.10	27.94
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	02	1		4	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	03	1		5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	04	1		6	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				

Table Continued

Connector Group - L

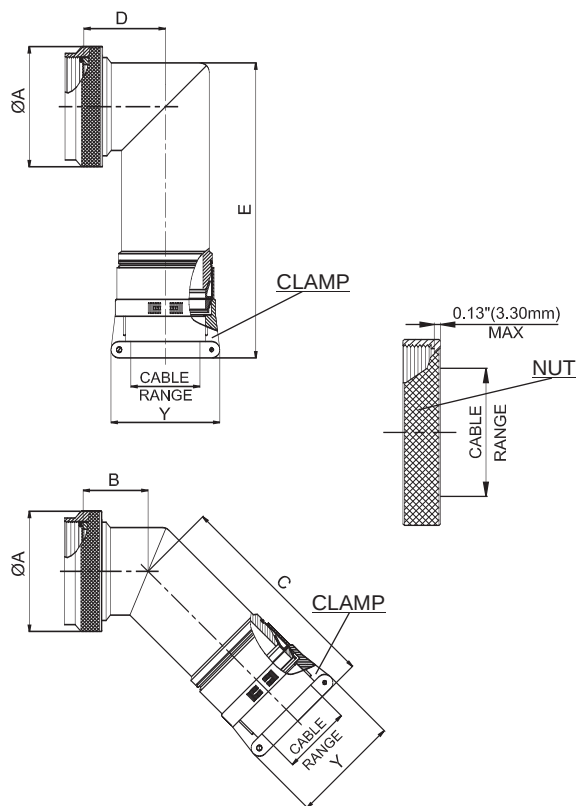
Straight

TABLE - A

TABLE - A																		
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM
							INCH	MM	INCH	MM								
22	05	1	23	7	STD.	23 / H	0.75	19.05	0.88	22.23	1.65	41.91	1.53	38.86	1.50	38.10	1.50	38.10
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	06	1		8	STD.		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	17	1		9	STD.		1.00	25.40	1.13	28.58			1.53	38.86	1.63	41.40	1.75	44.45
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
24	01	1	25	4	STD.	25 / J	0.38	9.53	0.50	12.70	1.85	46.99	1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	02	1		5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	03	1		6	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	04	1		7	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	05	1		8	STD.		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	06	1		9	STD.		1.00	25.40	1.13	28.58			1.53	38.86	1.63	41.40	1.75	44.45
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	07	1		10	STD.		1.13	28.58	1.25	31.75			1.53	38.86	1.63	41.40	1.90	48.26
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				

Connector Group - L

90°, 45°



Amphenol Part Number

BV1 X X L 99 99 9 X X

Series ——— BV1
Angle ——— X
A: 90deg
B: 45deg
Coupling ——— X
R: spin
Connector group ——— L
Finish: see Table-2
End clamp
C: clamp
N: nut
Length
9: Not applicable
Entry size
See Table-B
Shell size
See Table-B

MIL Part Number

M85049 / 99 99 X 9

MIL Series ——— M85049
Slash sheet
79: 90deg, spin coupling
78: 45deg, spin coupling
Shell size: ——— 99
See Table-B
Clamp size:
See Table-B
Omit for 'STD'
Finish:
See Table-2

NOTE: * For more cable entry options, contact factory

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)	
					MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM
					INCH	MM	INCH	MM								
08	01	09	1	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53
	02		2		0.13	3.18	0.25	6.35								
10	01	11	1	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81
	02		2		0.13	3.18	0.25	6.35								
	03		3		0.25	6.35	0.38	9.53								
12	01	13	2	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32
	02		3		0.25	6.35	0.38	9.53								
	03		4		0.38	9.53	0.50	12.70								
14	01	15	2	15 / D	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35
	02		3		0.25	6.35	0.38	9.53								
	03		4		0.38	9.53	0.50	12.70								
	04		5		0.50	12.70	0.63	15.88								
16	01	17	2	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62
	02		3		0.25	6.35	0.38	9.53								
	03		4		0.38	9.53	0.50	12.70								
	04		5		0.50	12.70	0.63	15.88								
	05		6		0.63	15.88	0.75	19.05								

Table Continued

Connector Group - L

90°, 45°

TABLE - B																
AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)	
SHELL SIZE	ENTRY SIZE	CONNECTOR SHELL SIZE	CLAMP SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM
					INCH	MM	INCH	MM								
18	01	19	3	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65
	02		4		0.38	9.53	0.50	12.70								
	03		5		0.50	12.70	0.63	15.88								
	04		6		0.63	15.88	0.75	19.05								
	05		7		0.75	19.05	0.88	22.23								
20	01	21	3	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92
	02		4		0.38	9.53	0.50	12.70								
	03		5		0.50	12.70	0.63	15.88								
	04		6		0.63	15.88	0.75	19.05								
	05		7		0.75	19.05	0.88	22.23								
	06		8		0.88	22.23	1.00	25.40								
22	01	23	3	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72
	02		4		0.38	9.53	0.50	12.70								
	03		5		0.50	12.70	0.63	15.88								
	04		6		0.63	15.88	0.75	19.05								
	05		7		0.75	19.05	0.88	22.23								
	06		8		0.88	22.23	1.00	25.40								
			9		1.00	25.40	1.13	28.58								
24	01	25	4	25 / J	0.38	9.53	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97
	02		5		0.50	12.70	0.63	15.88								
	03		6		0.63	15.88	0.75	19.05								
	04		7		0.75	19.05	0.88	22.23								
	05		8		0.88	22.23	1.00	25.40								
	06		9		1.00	25.40	1.13	28.58								
	07		10		1.13	28.58	1.25	31.75								

Table Continued



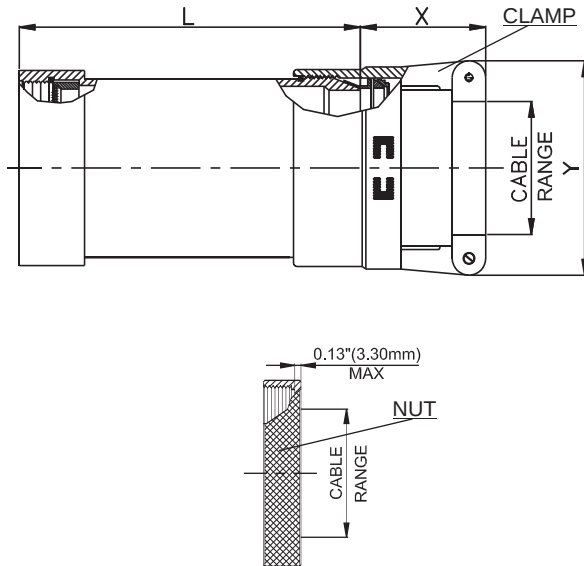
Connector Group - L

90°, 45°

TABLE - B								
AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL	E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	CONNECTOR SHELL SIZE	CLAMP SIZE	SIZE/CODE (REF.)	INCH	MM	INCH	MM
08	01	09	1	09 / A	3.46	87.88	0.80	20.32
	02		2				1.00	25.40
10	01	11	1	11 / B	3.58	90.93	0.80	20.32
	02		2				1.00	25.40
	03		3				1.10	27.94
12	01	13	2	13 / C	3.60	91.44	1.00	25.40
	02		3				1.10	27.94
	03		4				1.20	30.48
14	01	15	2	15 / D	3.67	93.22	1.00	25.40
	02		3				1.10	27.94
	03		4				1.20	30.48
	04		5				1.25	31.75
16	01	17	2	17 / E	3.76	95.50	1.00	25.40
	02		3				1.10	27.94
	03		4				1.20	30.48
	04		5				1.25	31.75
	05		6				1.40	35.56
18	01	19	3	19 / F	3.93	99.82	1.10	27.94
	02		4				1.20	30.48
	03		5				1.25	31.75
	04		6				1.40	35.56
	05		7				1.50	38.10
20	01	21	3	21 / G	3.93	99.82	1.10	27.94
	02		4				1.20	30.48
	03		5				1.25	31.75
	04		6				1.40	35.56
	05		7				1.50	38.10
	06		8				1.65	41.91
22	01	23	3	23 / H	4.04	102.62	1.10	27.94
	02		4				1.20	30.48
	03		5				1.25	31.75
	04		6				1.40	35.56
	05		7				1.50	38.10
	06		8				1.65	41.91
	07		9				1.75	44.45
24	01	25	4	25 / J	4.04	102.62	1.20	30.48
	02		5				1.25	31.75
	03		6				1.40	35.56
	04		7				1.50	38.10
	05		8				1.65	41.91
	06		9				1.75	44.45
	07		10				1.90	48.26

Connector Group - M

Straight



Amphenol Part Number

BV1 S X M 99 99 9 X X

Series
Angle
S: straight

Coupling
R: spin
D: direct

Connector group

Finish: see Table-2
End clamp
C: clamp
N: nut
Length
See Table-A
Entry size
See Table-A
Shell size
See Table-A

NOTE: * For more cable entry and length options, contact factory

TABLE - A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
08	01	1	8	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
		2						2.53	64.26				
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
10	01	1	10	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
		2						2.53	64.26				
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
	03	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
12	01	1	12	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
	03	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
14	01	1	14	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
		3						3.53	89.66				
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				

Table Continued

Connector Group - M

Straight

TABLE - A															
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)			
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM		
				INCH	MM	INCH	MM								
14	03	1	14	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46		
		2						2.53	64.26						
		3						3.53	89.66						
	04	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75		
		2						2.53	64.26						
		3						3.53	89.66						
16	01	1	16	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64		
		2						2.53	64.26						
		3						3.53	89.66						
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92		
		2						2.53	64.26						
		3						3.53	89.66						
	03	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46		
		2						2.53	64.26						
		3						3.53	89.66						
	04	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75		
		2						2.53	64.26						
		3						3.53	89.66						
	05	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05		
		2						2.53	64.26						
		3						3.53	89.66						
	18	01		1	18	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
				2						2.53	64.26				
				3						3.53	89.66				
02		1	0.38	9.53		0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46		
		2						2.53	64.26						
		3						3.53	89.66						
03		1	0.50	12.70		0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75		
		2						2.53	64.26						
		3						3.53	89.66						
04		1	0.63	15.88		0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05		
		2						2.53	64.26						
		3						3.53	89.66						
05		1	0.75	19.05		0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10		
		2						2.53	64.26						
		3						3.53	89.66						
18	01	1	18	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92		
		2						2.53	64.26						
		3						3.53	89.66						
		4						4.53	115.06						
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46		
		2						2.53	64.26						
		3						3.53	89.66						
		4						4.53	115.06						

Table Continued

Connector Group - M

Straight

TABLE - A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
18	03	1	18	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
	04	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
20	01	1	20	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	03	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	04	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
22	01	1	22	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	03	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				

Table Continued



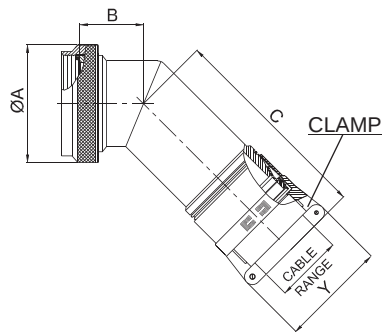
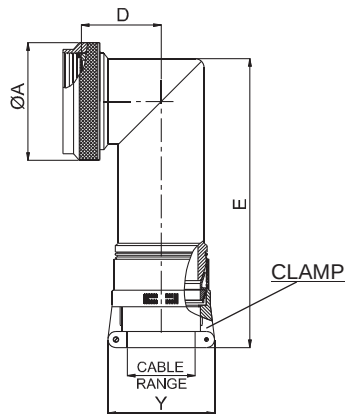
Connector Group - M

Straight

TABLE - A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
22	04	1	22	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	17	1		1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
24	01	1	24	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	03	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	04	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	07	1		1.13	28.58	1.25	31.75	1.53	38.86	1.63	41.40	1.88	47.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				

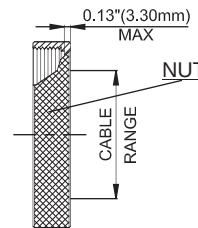
Connector Group - M

90°, 45°



Amphenol Part Number

BV1 X X M 99 99 9 X X
 Series ————
 Angle ————
 A: 90deg
 B: 45deg
 Coupling ————
 R: spin
 Connector group ————
 Finish: see Table-2
 End clamp
 C: clamp
 N: nut
 Length
 9: Not applicable
 Entry size
 See Table-B
 Shell size
 See Table-B



NOTE: * For more cable entry options, contact factory

TABLE - B																		
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
08	01	8	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
10	01	10	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
12	01	12	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
14	01	14	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
	04		0.50	12.70	0.63	15.88											1.25	31.75

Table Continued

Connector Group - M

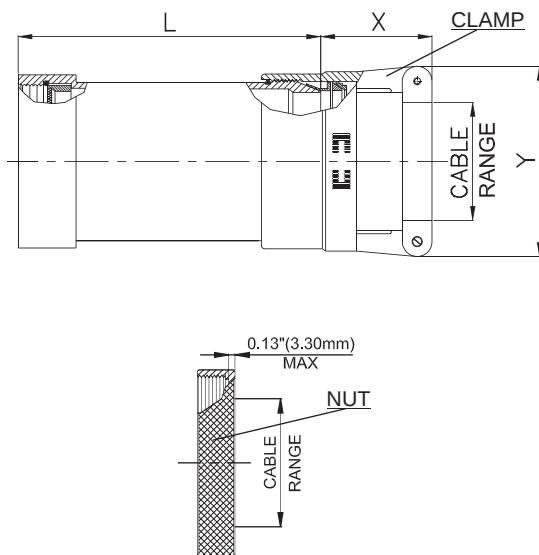
90°, 45°

TABLE - B

TABLE - B																		
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
16	01	16	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
	04		0.50	12.70	0.63	15.88											1.25	31.75
	05		0.63	15.88	0.75	19.05											1.40	35.56
18	01	18	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
20	01	20	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
	06		0.88	22.23	1.00	25.40											1.65	41.91
22	01	22	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
	06		0.88	22.23	1.00	25.40											1.65	41.91
	07		1.00	25.40	1.13	28.58											1.75	44.45
24	01	24	0.38	9.53	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.20	30.48
	02		0.50	12.70	0.63	15.88											1.25	31.75
	03		0.63	15.88	0.75	19.05											1.40	35.56
	04		0.75	19.05	0.88	22.23											1.50	38.10
	05		0.88	22.23	1.00	25.40											1.65	41.91
	06		1.00	25.40	1.13	28.58											1.75	44.45
	07		1.13	28.58	1.25	31.75											1.90	48.26

Connector Group - N

Straight



Amphenol Part Number

BV1 S X N 99 99 9 X X
 Series _____
 Angle _____
 S: straight
 Coupling _____
 R: spin
 D: direct
 Connector group _____
 Finish: see Table-2
 End clamp
 C: clamp
 N: nut
 Length
 See Table-A
 Entry size
 See Table-A
 Shell size
 See Table-A

NOTE: * For more cable entry and length options, contact factory

TABLE - A															
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)			
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM		
				INCH	MM	INCH	MM								
08	01	1	8	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81		
		2						2.53	64.26						
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64		
		2						2.53	64.26						
10	01	1	10	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81		
		2						2.53	64.26						
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64		
		2						2.53	64.26						
	03	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92		
		2						2.53	64.26						
	12	01		1	12	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
				2						2.53	64.26				
02		1	0.25	6.35		0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92		
		2						2.53	64.26						
03		1	0.38	9.53		0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46		
		2						2.53	64.26						
14	01	1	14	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64		
		2						2.53	64.26						
		3						3.53	89.66						
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92		
		2						2.53	64.26						
		3						3.53	89.66						

Table Continued

Connector Group - N

Straight

TABLE - A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
14	03	1	14	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
	04	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
16	01	1	16	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
		3						3.53	89.66				
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
	03	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
	04	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
	05	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
18	01	1	18	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
	03	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
	04	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
20	01	1	20	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				

Table Continued

Connector Group - N

Straight

TABLE - A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
20	03	1	20	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	04	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
22	01	1	22	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	03	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	04	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	07	1		1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				

Table Continued



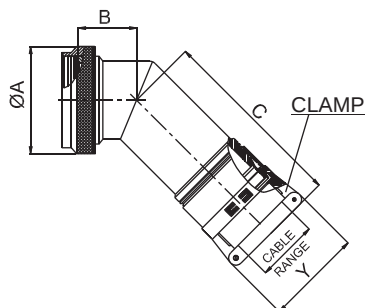
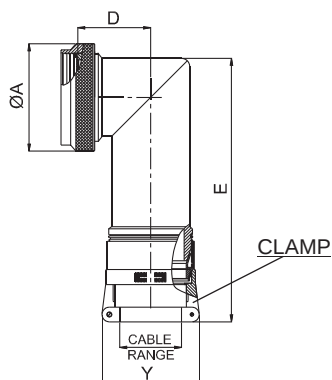
Connector Group - N

Straight

TABLE - A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
24	01	1	24	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	03	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	04	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	07	1		1.13	28.58	1.25	31.75	1.53	38.86	1.63	41.40	1.88	47.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				

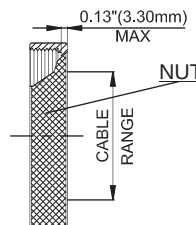
Connector Group - N

90°, 45°



Amphenol Part Number

BV1 X X N 99 99 9 X X
 Series
 Angle
 A: 90deg
 B: 45deg
 Coupling
 R: spin
 Connector group
 Finish: see Table-2
 End clamp
 C: clamp
 N: nut
 Length
 9: Not applicable
 Entry size
 See Table-B
 Shell size
 See Table-B



NOTE: * For more cable entry options, contact factory

TABLE - B																		
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
08	01	8	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
10	01	10	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
12	01	12	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
14	01	14	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
	04		0.50	12.70	0.63	15.88											1.25	31.75

Table Continued

Connector Group - N

90°, 45°

TABLE - B

TABLE - B																		
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
16	01	16	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
	04		0.50	12.70	0.63	15.88											1.25	31.75
	05		0.63	15.88	0.75	19.05											1.40	35.56
18	01	18	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
20	01	20	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
	06		0.88	22.23	1.00	25.40											1.65	41.91
22	01	22	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
	06		0.88	22.23	1.00	25.40											1.65	41.91
	07		1.00	25.40	1.13	28.58											1.75	44.45
24	01	24	0.38	9.53	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.20	30.48
	02		0.50	12.70	0.63	15.88											1.25	31.75
	03		0.63	15.88	0.75	19.05											1.40	35.56
	04		0.75	19.05	0.88	22.23											1.50	38.10
	05		0.88	22.23	1.00	25.40											1.65	41.91
	06		1.00	25.40	1.13	28.58											1.75	44.45
	07		1.13	28.58	1.25	31.75											1.90	48.26

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[M85049/1710W02](#) [M85049/1712W03](#) [M85049/1712W04](#) [M85049/1714W04](#) [M85049/1716N03](#) [M85049/1716N05](#)
[M85049/1716N06](#) [M85049/1716W02](#) [M85049/1716W05](#) [M85049/1718W03](#) [M85049/1718W06](#) [M85049/1718W07B](#)
[M85049/1722N03A](#) [M85049/1724W09](#) [M85049/6-31W](#) [M85049/6-4N](#) [M85049/78-13N03](#) [M85049/78-13W04](#)
[M85049/78-15W03](#) [M85049/78-25W09](#) [M85049/79-09N02](#) [M85049/79-15W02](#) [M85049/79-17W03](#) [M85049/79-](#)
[17W04](#) [M85049/8-11W](#) [M85049/8-15W](#) [M85049/79-13N02](#) [M85049/10-11N](#) [M85049/10-11W](#) [M85049/10-124W](#)
[M85049/10-12W](#) [M85049/10-136N](#) [M85049/10-13N](#) [M85049/10-152W](#) [M85049/10-15N](#) [M85049/10-17N](#) [M85049/10-](#)
[25W](#) [M85049/10-27W](#) [M85049/10-29N](#) [M85049/10-38W](#) [M85049/10-41N](#) [M85049/10-47W](#) [M85049/10-49W](#)
[M85049/10-51W](#) [M85049/10-84W](#) [M85049/1710W03](#) [M85049/1712N03](#) [M85049/189W02](#)