

MOLEX P/N	LENGTH (M)	LENGTH TOLERANCE (mm)	AWG
1110751000	0.5	±25	30
1110751001	1.0	±50	30
1110751125	1.2	±50	30
1110751160	1.45	±50	30
1110753112	1.5	±50	30
1110751185	1.8	±50	30
1110751002	2.0	±50	30
1110751025	2.5	±50	28
1110751003	3.0	±100	28
1110751026	3.5	±100	28
1110751004	4.0	±100	26
1110751005	5.0	±100	26
1110751027	5.5	±100	26
1110751006	6.0	±100	26
1110751007	7.0	±150	24
1110751008	8.0	±150	24

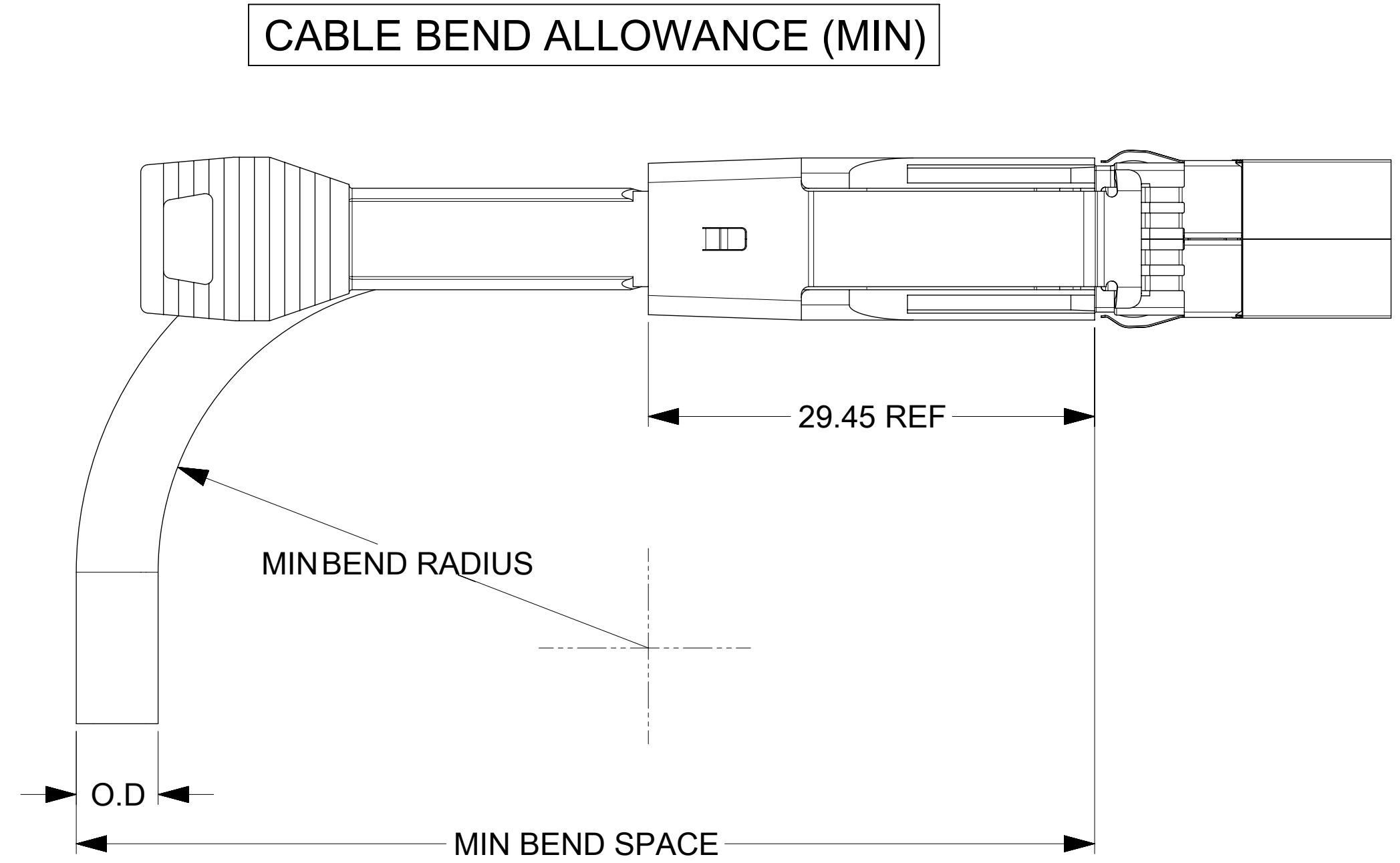
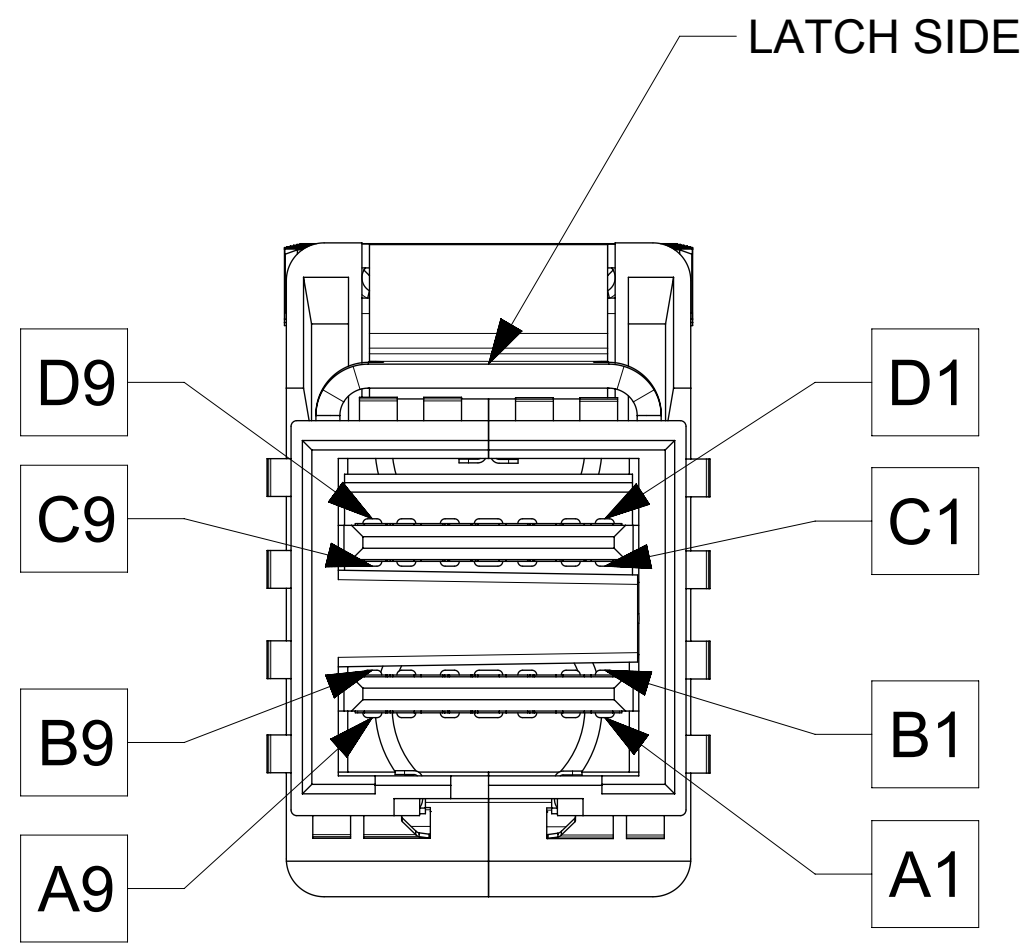
- NOTES:
- MATERIAL =  
 BACKSHELLS - NICKEL PLATED ZINC DIECAST  
 LATCH - STAINLESS STEEL  
 PULL - HALOGEN FREE THERMOPLASTIC ELASTOMER (TPE)
  - THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING OF SFF-8644 AND ELECTRICAL PERFORMANCE REQUIREMENTS OF SAS 3.0
  - RoHS COMPLIANT. NO EXEMPTIONS.
  - TAPE CABLE BUNDLES EVERY 1/2 METER (APPROXIMATELY)
  - PROTECTIVE DUST CAP TO BE INSTALLED ONTO EACH PLUG (NOT SHOWN).

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DIMENSION UNITS <b>mm</b>	SCALE <b>2:1</b>	CURRENT REV DESC: ADDED 1.2M LENGTH PN	<b>molex</b>			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 603033				MINISAS 4X HD TO MINISAS 4X HD 12GB EXT PASSIVE CBL ASSY
ANGULAR TOL ± °		DRWN: KNAGANNA 2018/07/13	PRODUCT CUSTOMER DRAWING			
4 PLACES ±		CHK'D: NSRIVATSAHS 2018/08/17	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
3 PLACES ±		APPR: KNAGANNA 2018/08/23	<b>1110751000</b>	PSD	000	J
2 PLACES ± 0.13		INITIAL REVISION:	SHEET NUMBER			
1 PLACE ± 0.25		DRWN: GSARVADE 2018/03/20	MATERIAL NUMBER		CUSTOMER	
0 PLACES ±		APPR: ARAYBURN 2018/03/23	SEE PN TABLE	GENERAL MARKET		1 OF 3
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES			
		<b>D-SIZE</b>	<b>111075</b>			

MINISAS HD WIRING CHART				
		-P1-		-P2-
GND	D9	-----	B9	GND
Tx2-	D8	→	B8	Rx2-
Tx2+	D7	→	B7	Rx2+
GND	D6	-----	B6	GND
Tx0-	D5	→	B5	Rx0-
Tx0+	D4	→	B4	Rx0+
GND	D3	-----	B3	GND
Vman	D2	** █ **	B2	ModPrsL
Vact	D1	** █ **	B1	Vact
SCL	C1	** █ **	A1	Rsv
SDA	C2	** █ **	A2	IntL
GND	C3	-----	A3	GND
Tx1+	C4	→	A4	Rx1+
Tx1-	C5	→	A5	Rx1-
GND	C6	-----	A6	GND
Tx3+	C7	→	A7	Rx3+
Tx3-	C8	→	A8	Rx3-
GND	C9	-----	A9	GND
GND	B9	-----	D9	GND
Rx2-	B8	←	D8	Tx2-
Rx2+	B7	←	D7	Tx2+
GND	B6	-----	D6	GND
Rx0-	B5	←	D5	Tx0-
Rx0+	B4	←	D4	Tx0+
GND	B3	-----	D3	GND
ModPrsL	B2	** █ **	D2	Vman
Vact	B1	** █ **	D1	Vact
Rsv	A1	** █ **	C1	SCL
IntL	A2	** █ **	C2	SDA
GND	A3	-----	C3	GND
Rx1+	A4	←	C4	Tx1+
Rx1-	A5	←	C5	Tx1-
GND	A6	-----	C6	GND
Rx3+	A7	←	C7	Tx3+
Rx3-	A8	←	C8	Tx3-
GND	A9	-----	C9	GND

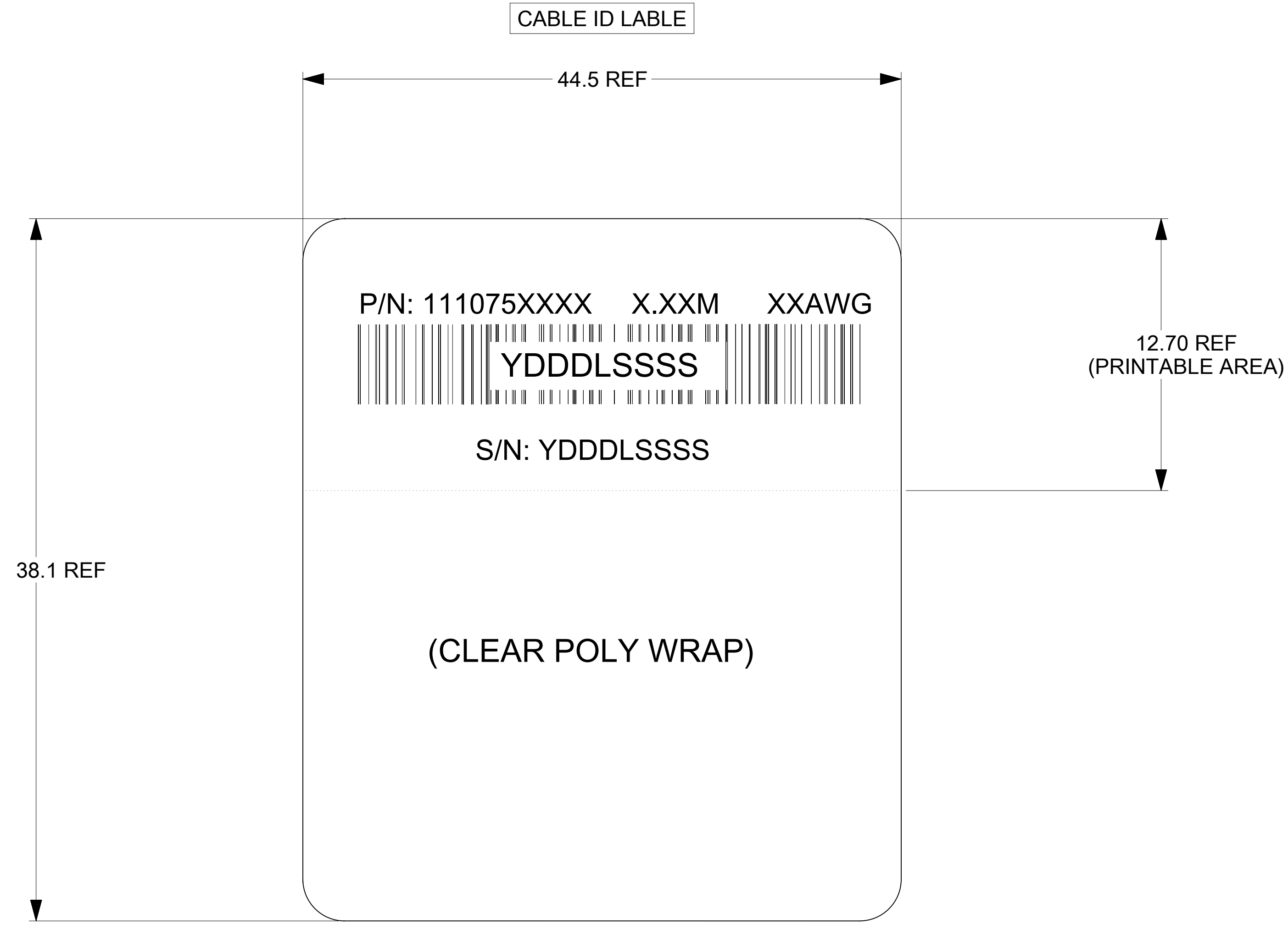
LEGEND:  
 \*\* = RESERVED FOR POWER AND MANAGEMENT INTERFACE  
 → = TRANSMIT TO RECEIVE ON HIGH SPEED LINES  
 ----- = THRU LINES  
 █ = CONNECTION TO A DEVICE ON THE PCB



GUAGE	O.D	MINIMUM BEND RADIUS (mm)	MINIMUM BEND SPACE (mm)
30	5.1	26	60
28	5.6	28	63
26	6.9	35	71
24	7.6	38	75

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DIMENSION UNITS <b>mm</b>	SCALE <b>3:1</b>	CURRENT REV DESC: ADDED 1.2M LENGTH PN	<b>molex</b>		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 603033			
ANGULAR TOL ± °		DRWN: KNAGANNA 2018/07/13	PRODUCT CUSTOMER DRAWING		
4 PLACES ±		CHK'D: NSRIVATSAHS 2018/08/17	DOCUMENT NUMBER	DOC TYPE	DOC PART
3 PLACES ±		APPR: KNAGANNA 2018/08/23	<b>1110751000</b>	PSD	000
2 PLACES ± 0.13		INITIAL REVISION:	REVISION		<b>J</b>
1 PLACE ± 0.25		DRWN: GSARVADE 2018/03/20			
0 PLACES ±		APPR: ARAYBURN 2018/03/23			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
		<b>D-SIZE</b>	<b>111075</b>	SEE PN TABLE	GENERAL MARKET
					SHEET NUMBER
					<b>2 OF 3</b>

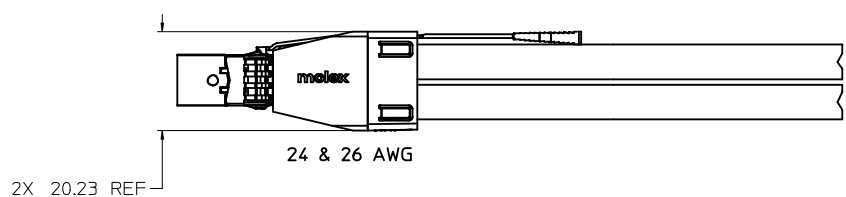
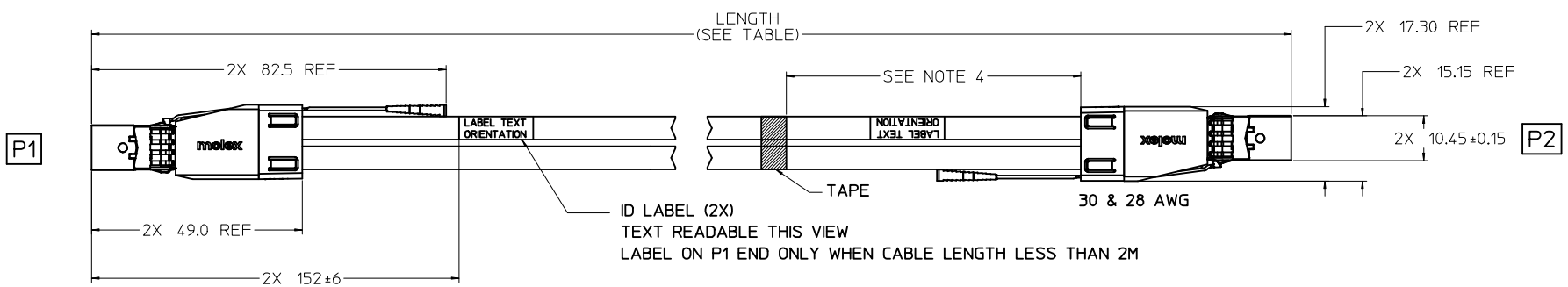
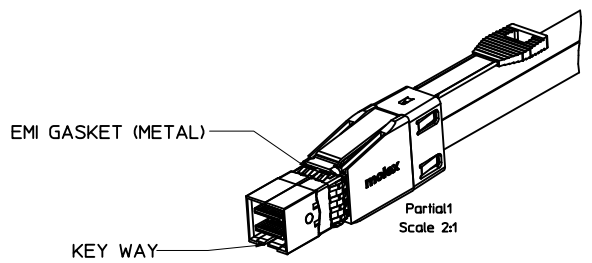
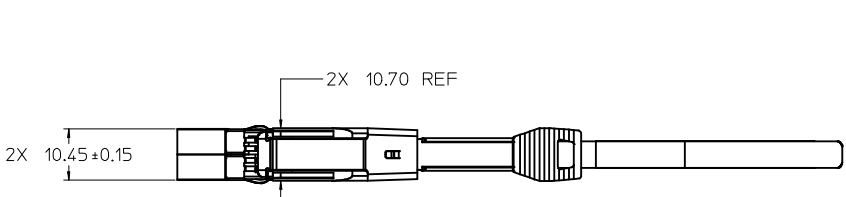


P/N: SEE TABLE  
 S/N: Y = YEAR, THE LAST DIGIT OF YEAR  
       DDD = DAY OF THE YEAR  
       L = LOCATION  
       1 - USA  
       2 - MEXICO  
       3 - CHINA

SSSS = SERIAL NUMBER  
 X.XXM: CABLE LENGTH, SEE TABLE  
 XXAWG: WIRE GAGE, SEE TABLE

(DATE CODE ISO-8601 FORMAT)

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DIMENSION UNITS <b>mm</b>		SCALE <b>1:1</b>		CURRENT REV DESC: ADDED 1.2M LENGTH PN				<b>molex</b>	
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3 PLACES		±		APPR: KNAGANNA		2018/08/23		DOCUMENT NUMBER	
2 PLACES		± 0.13		INITIAL REVISION:				1110751000	
1 PLACE		± 0.25		DRWN: GSARVADE		2018/03/20		PSD	000
0 PLACES		±		APPR: ARAYBURN		2018/03/23		J	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		SHEET NUMBER	
				<b>D-SIZE</b>		<b>111075</b>		<b>3 OF 3</b>	
DOCUMENT STATUS		P1	RELEASE DATE		2018/08/23	19:05:47		MATERIAL NUMBER	
								CUSTOMER	
								GENERAL MARKET	



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ADDED 1110751027 EIC NO: CPG2016-3207 G DRAWN: KUMARR 2016/03/01 CHKD: APPR: ARABUJRN 2016/03/01 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	2:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	RKLINE	DATE	TITLE	
	▽=0	3 PLACES ± 0.13 ± 0.25	CHECKED BY	DATE		
	ANGULAR ± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY	DATE		
	SEE P/N TABLE		RKMHAN	2013/07/03		
			MATERIAL NO.	DOCUMENT NO.		
				SD-111075-1000		
						SHEET NO. 1 OF 3



