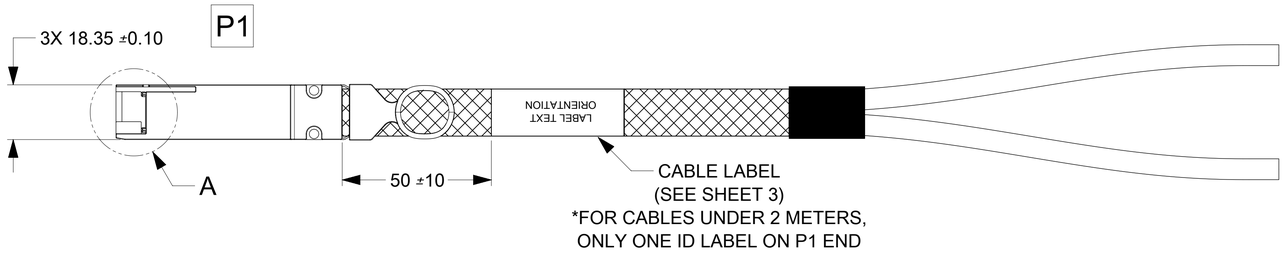
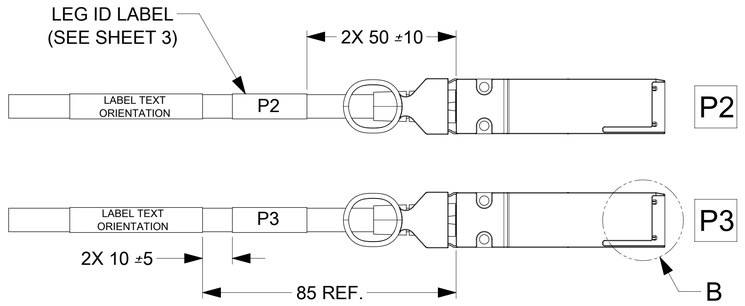
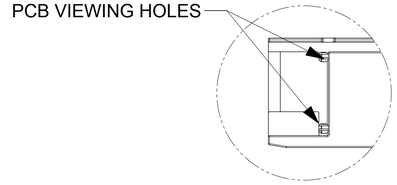
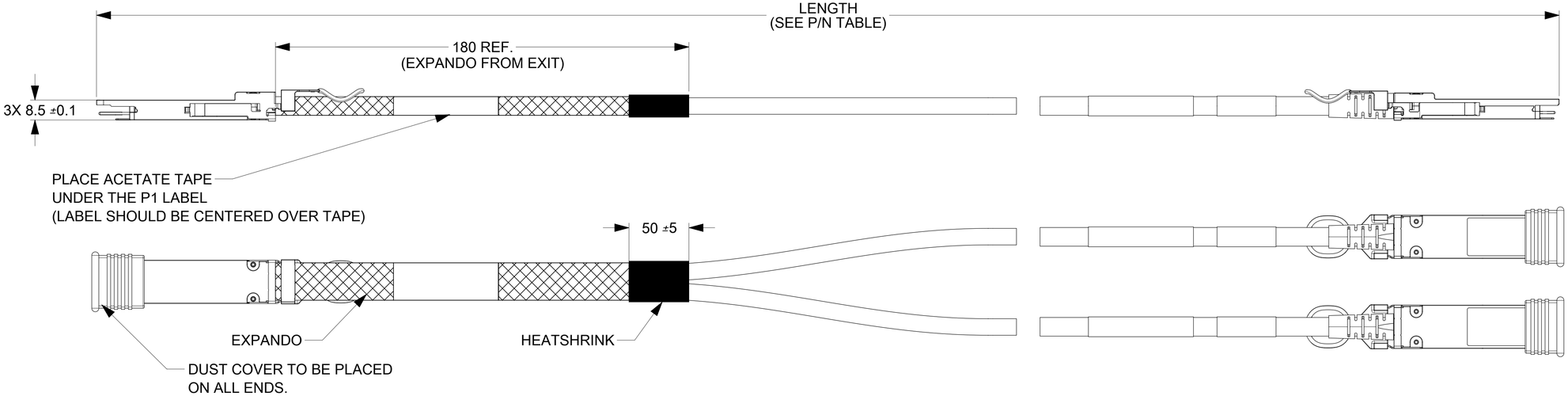
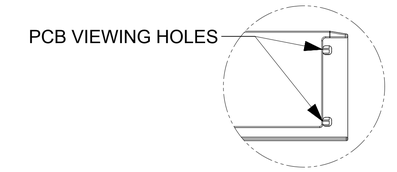




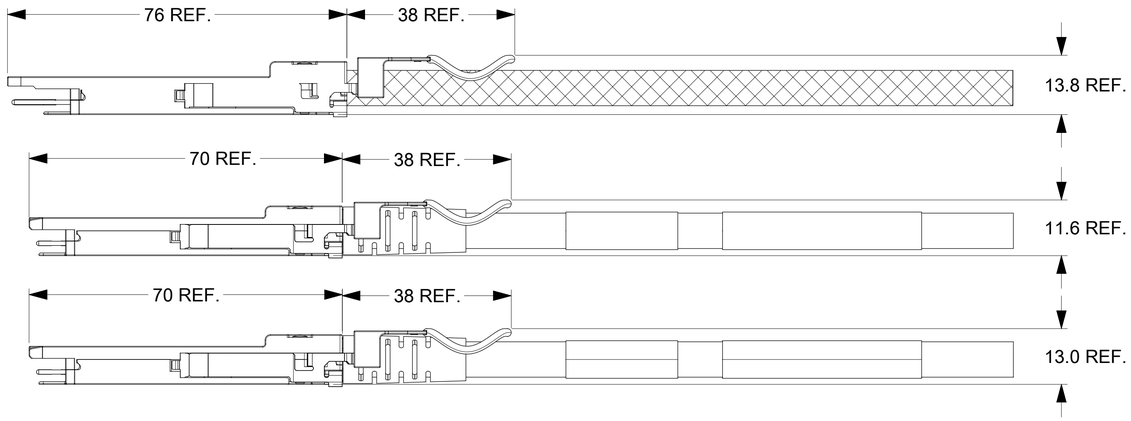


DETAIL A
SCALE 2:1





DETAIL B
SCALE 2:1



DDQSFP ASSEMBLY
(P1 END)

zQSFP+ ASSEMBLY - 30AWG
(P2/P3 END)

zQSFP+ ASSEMBLY - 28AWG
(P2/P3 END)

NOTES:

1. CABLE LENGTH DEPENDS ON WIRE GAUGE, DATA RATE, AND HOST BOARD DRIVER CAPABILITIES
2. MATERIALS:
   - BACKSHELLS - ZINC DIE CAST WITH BRIGHT NICKEL PLATING
   - DELATCH - STAINLESS STEEL WITH OVERMOLDED NYLON
   - RIVETS - STAINLESS STEEL
3. IMPEDANCE - 100 OHMS DIFFERENTIAL
4. CABLE IS UL RECOGNIZED (TBD)
5. EEPROM MAP AVAILABLE UPON REQUEST
6. RoHS COMPLIANT, NO EXEMPTIONS

RELEASE STATUS	P1	RELEASE DATE	2018/08/30 15:04:57

QUALITY SYMBOLS: E = 0; E = 0; E = 0; = 0; C = 0; = 0; = 0; = 0

REV		
G	INITIAL RELEASE	2018/08/24
	EC NO: 603653	2018/08/28
	DRWN: JJACKSON02	2018/08/30
	CHK'D: ZDANDURAND	
	APPR: ARAYBURN	

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ±	5.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS	mm
SCALE	1:1
DRWN BY	SRATKOVIC
DATE	2016/12/01
CHK'D BY	EMEDINA02
DATE	2016/12/21
APPR BY	ADTUCKER
DATE	2017/10/17
DRAWING SIZE	D
	THIRD ANGLE PROJECTION

molex®

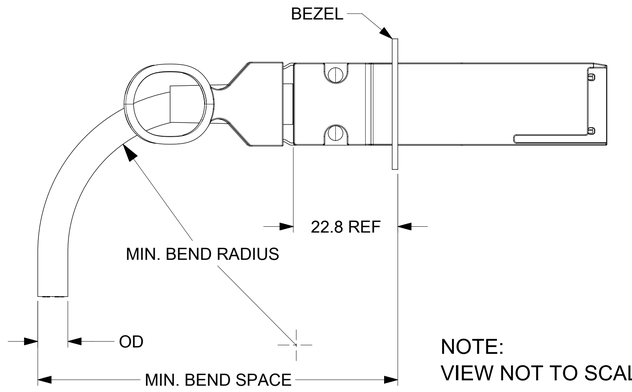
QSFP-DD TO 2-ZQSFP+ 56G CABLE ASSEMBLY

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
203366	SEE P/N TABLE	GENERAL MARKET

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
2033660001	PSD	000	1 OF 3

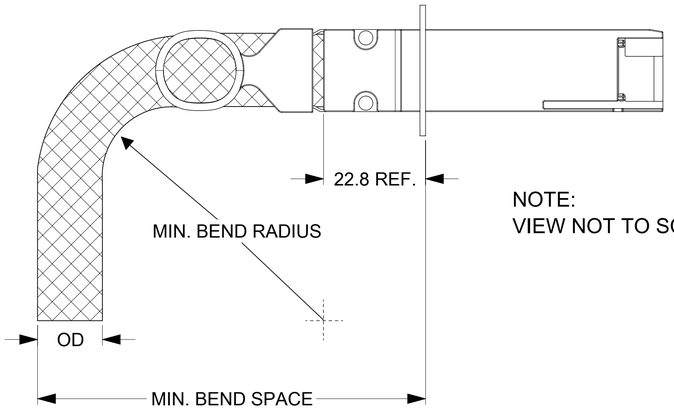
zQSFP+ CABLE BEND RADIUS



NOTE:
VIEW NOT TO SCALE.

CABLE AWG	OD (mm)	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
28	7.9	40	71
30	6.7	34	64

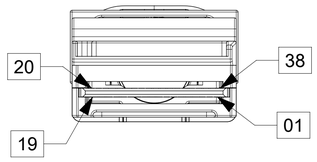
QSFP-DD CABLE BEND RADIUS

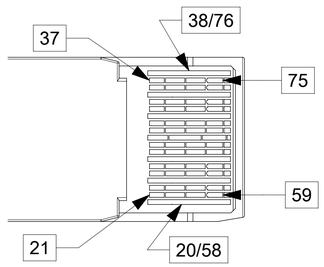


NOTE:
VIEW NOT TO SCALE.

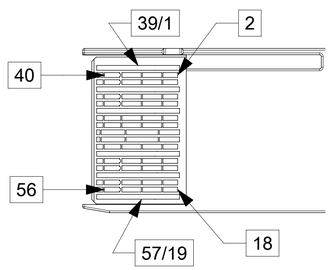
CABLE AWG	OD (mm)	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
28	(11)	(55)	(89)
30	(9.4)	(47)	(79)

MINIMUM BEND RADIUS PENDING QUALIFICATION. NUMBERS ABOVE ARE ESTIMATES AND SUBJECT TO CHANGE.





BOTTOM VIEW



TOP VIEW

LOW SPEED SIGNALS P1 & P2 & P3	
PAD	SIGNAL
8	MODSELL
9	RESETL
10	VCCRX
11	SCL
12	SDA
27	MODPRSL
28	INTL
29	VCCTX
30	VCC1
31	INIT_MODE
46	OPEN
47	OPEN
48	OPEN
49	OPEN
50	OPEN
65	OPEN
66	OPEN
67	OPEN
68	OPEN
69	OPEN

WIRING DIAGRAM				
P1 END			P2 END	
Pad	Signal		Pad	Signal
1	GND	----	20	GND
2	TX2n	--->	21	RX2n
3	TX2p	--->	22	RX2p
4	GND	----	23	GND
5	TX4n	--->	24	RX4n
6	TX4p	--->	25	RX4p
7	GND	----	26	GND
13	GND	----	32	GND
14	RX3p	<---	33	TX3p
15	RX3n	<---	34	TX3n
16	GND	----	35	GND
17	RX1p	<---	36	TX1p
18	RX1n	<---	37	TX1n
19	GND	----	38	GND
20	GND	----	1	GND
21	RX2n	<---	2	TX2n
22	RX2p	<---	3	TX2p
23	GND	----	4	GND
24	RX4n	<---	5	TX4n
25	RX4p	<---	6	TX4p
26	GND	----	7	GND
32	GND	----	13	GND
33	TX3p	--->	14	RX3p
34	TX3n	--->	15	RX3n
35	GND	----	16	GND
36	TX1p	--->	17	RX1p
37	TX1n	--->	18	RX1n
38	GND	----	19	GND

WIRING DIAGRAM				
P1 END			P3 END	
Pad	Signal		Pad	Signal
39	GND	----	20	GND
40	TX6n	--->	21	RX2n
41	TX6p	--->	22	RX2p
42	GND	----	23	GND
43	TX8n	--->	24	RX4n
44	TX8p	--->	25	RX4p
45	GND	----	26	GND
51	GND	----	32	GND
52	RX7p	<---	33	TX3p
53	RX7n	<---	34	TX3n
54	GND	----	35	GND
55	RX5p	<---	36	TX1p
56	RX5n	<---	37	TX1n
57	GND	----	38	GND
58	GND	----	1	GND
59	RX6n	<---	2	TX2n
60	RX6p	<---	3	TX2p
61	GND	----	4	GND
62	RX8n	<---	5	TX4n
63	RX8p	<---	6	TX4p
64	GND	----	7	GND
70	GND	----	13	GND
71	TX7p	--->	14	RX3p
72	TX7n	--->	15	RX3n
73	GND	----	16	GND
74	TX5p	--->	17	RX1p
75	TX5n	--->	18	RX1n
76	GND	----	19	GND

NOTES:
1. DC BLOCKING CAPS ON RECEIVE SIDE ONLY
2. CABLE COILED AND PACKAGED IN BEST FIT ESD BAG AND SEALED WITH ESD LABEL FOR SHIPPING

QUALITY SYMBOLS
A = 0
C = 0
E = 0
F = 0
C = 0
= 0
= 0
= 0

INITIAL RELEASE 2018/08/24
EC NO: 603653 2018/08/28
DRWN: JJACKSON02 2018/08/30
CHK'D: ZDANDURAND
APPR: ARAYBURN
REV G

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 5.0 °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.13
1 PLACE ± 0.25
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS: mm
SCALE: 1:1
DRWN BY: SRATKOVIC DATE: 2016/12/01
CHK'D BY: EMEDINA02 DATE: 2016/12/21
APPR BY: ADTUCKER DATE: 2017/10/17
DRAWING SIZE: D
THIRD ANGLE PROJECTION

molex

QSFP-DD TO 2-ZQSFP+ 56G CABLE ASSEMBLY

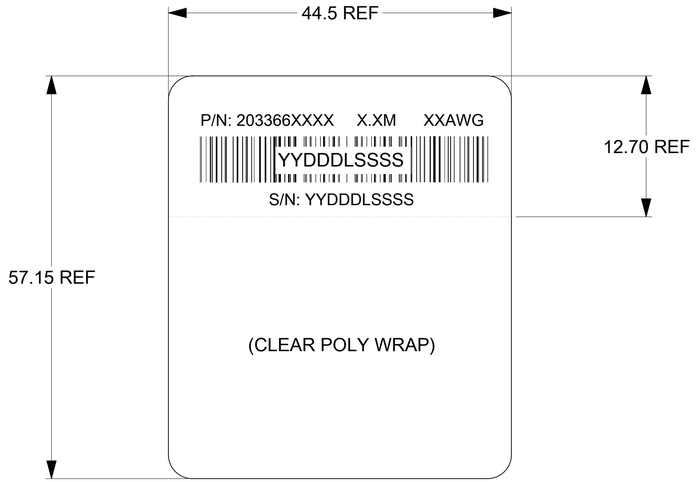
PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
203366	SEE P/N TABLE	GENERAL MARKET

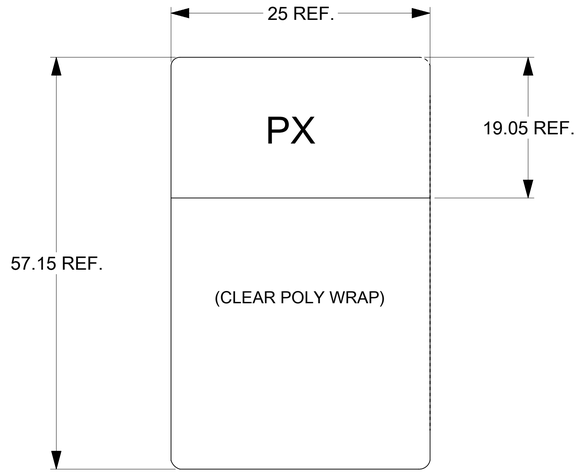
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
2033660001	PSD	000	2 OF 3

RELEASE STATUS: P1 | RELEASE DATE: 2018/08/30 15:04:57

LABEL DETAIL



LEG ID LABEL



PX: P1, P2, OR P3

MOLEX P/N	LENGTH (M)	AWG
2033661005	0.5M +/- 0.05M	30
2033661010	1.0M +/- 0.05M	30
2033661015	1.5M +/- 0.08M	30
2033663005	0.5M +/- 0.05M	28
2033663010	1.0M +/- 0.05M	28
2033663015	1.5M +/- 0.08M	28
2033663020	2.0M +/- 0.08M	28
2033663025	2.5M +/- 0.08M	28
2033663030	3.0M +/- 0.08M	28

*LENGTHS UNDER 1.0M MAY NOT MEET ALL IEEE802.3cd SPEC

P/N: 203366XXXX - MOLEX PART NUMBER (SEE P/N TABLE)

X.XM - CABLE LENGTH IN METERS (EXAMPLES - 0.5M, 1.0M, 1.5M)

XXAWG - CABLE SIZE IN AWG

S/N: YYDDDLSSSS - SERIAL NUMBER
YY = YEAR, THE LAST 2 DIGITS OF YEAR
DDD = DAY OF THE YEAR
L = LOCATION
1 - USA
2 - MEXICO
3 - CHINA
4 - PHILIPPINES
SSSS = SERIAL NUMBER (0001-9999)

TENTATIVE PROPOSAL
PENDING ELECTRICAL QUALIFICATION

RELEASE STATUS	P1	RELEASE DATE	2018/08/30 15:04:57

QUALITY SYMBOLS: FA = 0; FE = 0; FP = 0; = 0; C = 0; = 0; = 0; C = 0

INITIAL RELEASE
EC NO: 603653 2018/08/24
DRWN: JJACKSON02 2018/08/28
CH'KD: ZDANDURAND 2018/08/30
APPR: ARAYBURN
REV: G

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4 PLACES ±
3 PLACES ±
2 PLACES ± 0.13
1 PLACE ± 0.25
0 PLACES ±
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DIMENSION UNITS: mm
SCALE: 1:1
DRWN BY: SRATKOVIC DATE: 2016/12/01
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DRAWING SIZE: D
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molex®

QSFP-DD TO 2-ZQSFP+ 56G CABLE ASSEMBLY

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SERIES	MATERIAL NUMBER	CUSTOMER
203366	SEE P/N TABLE	GENERAL MARKET

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
2033660001	PSD	000	3 OF 3