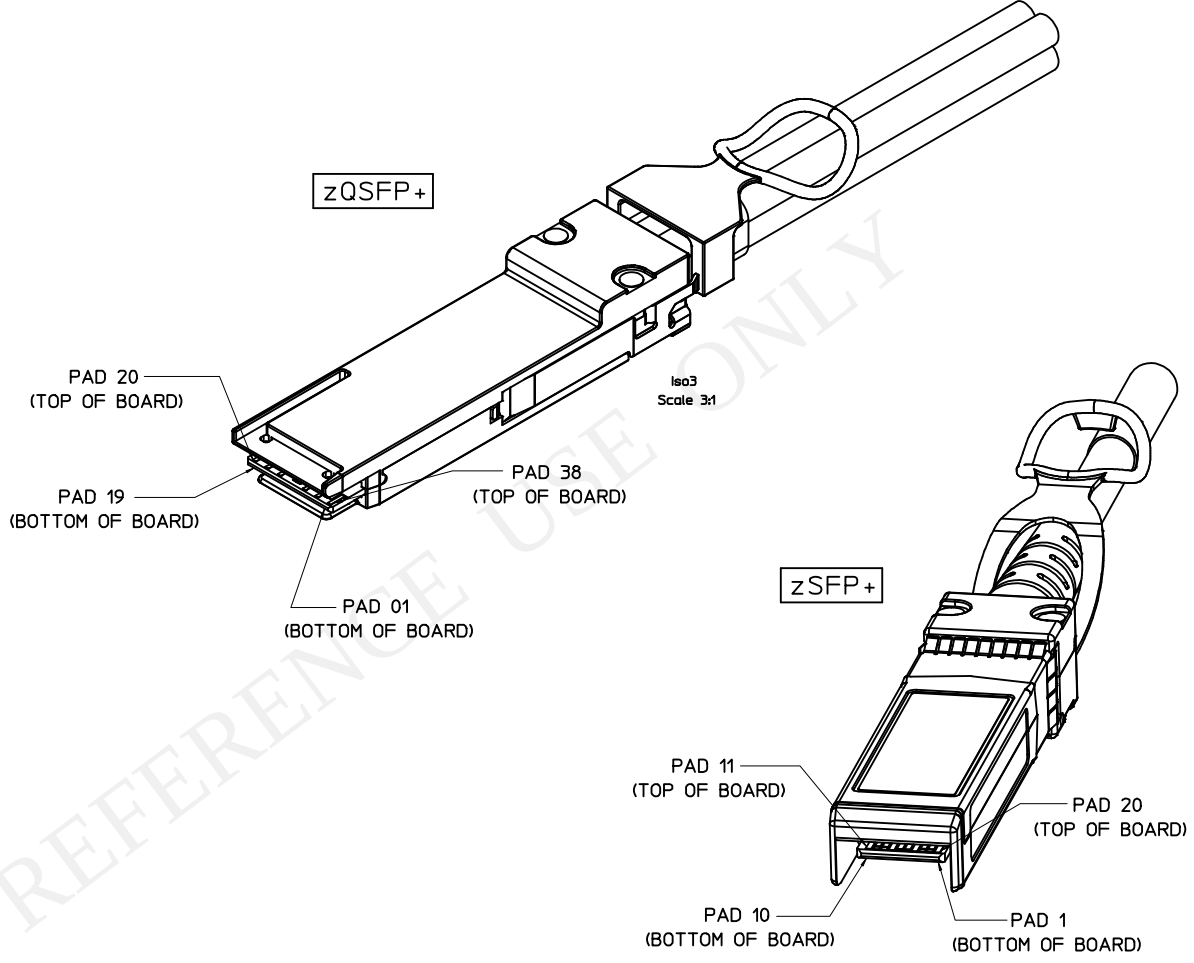


WIRING DIAGRAM				
zQSFP+		zSFP+		
PAD	SIGNAL	SIGNAL	PAD	PLUG
38	GND	----	GND	A
37	TX1-	---->	RD-	
36	TX1+	---->	RD+	
16	GND	----	GND	
17	RX1+	<----	TD+	B
18	RX1-	<----	TD-	
04	GND	----	GND	
02	TX2-	---->	RD-	
03	TX2+	---->	RD+	C
23	GND	----	GND	
22	RX2+	<----	TD+	
21	RX2-	<----	TD-	
35	GND	----	GND	D
34	TX3-	---->	RD-	
33	TX3+	---->	RD+	
13	GND	----	GND	
14	RX3+	<----	TD+	
15	RX3-	<----	TD-	
07	GND	----	GND	
05	TX4-	---->	RD-	
06	TX4+	---->	RD+	
26	GND	----	GND	
25	RX4+	<----	TD+	
24	RX4-	<----	TD-	

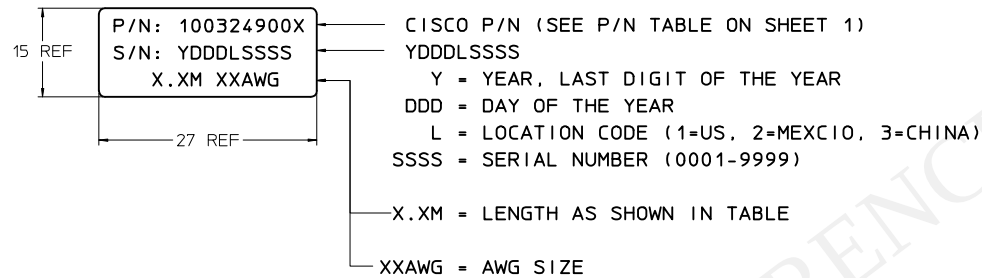
LOW SPEED SIGNALS	
zQSFP+	
PAD	SIGNAL
08	ModSelL
09	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMode

LOW SPEED SIGNALS	
zSFP+	
PAD	SIGNAL
02	Tx_Fault
03	Tx_Disable
04	SDA
05	SCL
06	Mod_ABS
07	RS0
08	Rx_LOS
09	RS1
15	VccR
16	VccT

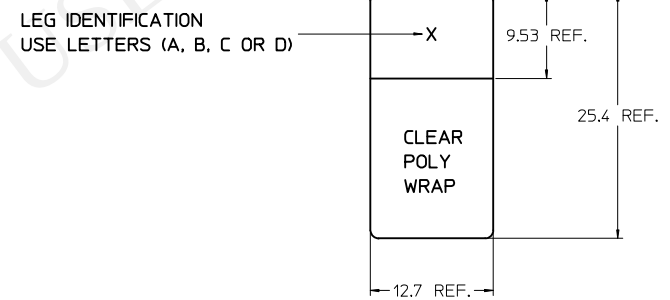


SEE REVISION TABLE		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
IEC NO.	REV			mm	INCH	MM ONLY	4:1	METRIC		PROJECTION	
CPG2015-0377	1	DRAWN BY: BCHEN06_USY	 =0	4 PLACES	$\pm$	$\pm$	DRAWN BY	DATE	ZQSFP+ TO (4X) ZSFP+ 25G PASSIVE CBL ASSY FOR CISCO molex		
2	2	CHECKED BY: CHYKCHIRSHY	 =0	3 PLACES	$\pm$	$\pm$	CHECKED BY	DATE			
	3	APPROVED BY: APPR:BCHEN06_USY	 =0	2 PLACES	$\pm$	$\pm$	APPROVED BY	DATE			
				1 PLACE	$\pm$	$\pm$	BCHEN06_USY	2014/07/30			
				0 PLACE	$\pm$	$\pm$	MATERIAL NO.	DOCUMENT NO.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				ANGULAR $\pm$ °		SEE P/N TABLE		RSD-100324-9001		SHEET NO. 2 OF 4	
SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

CABLE ID LABEL



ZSFP+ END LEG LABELS

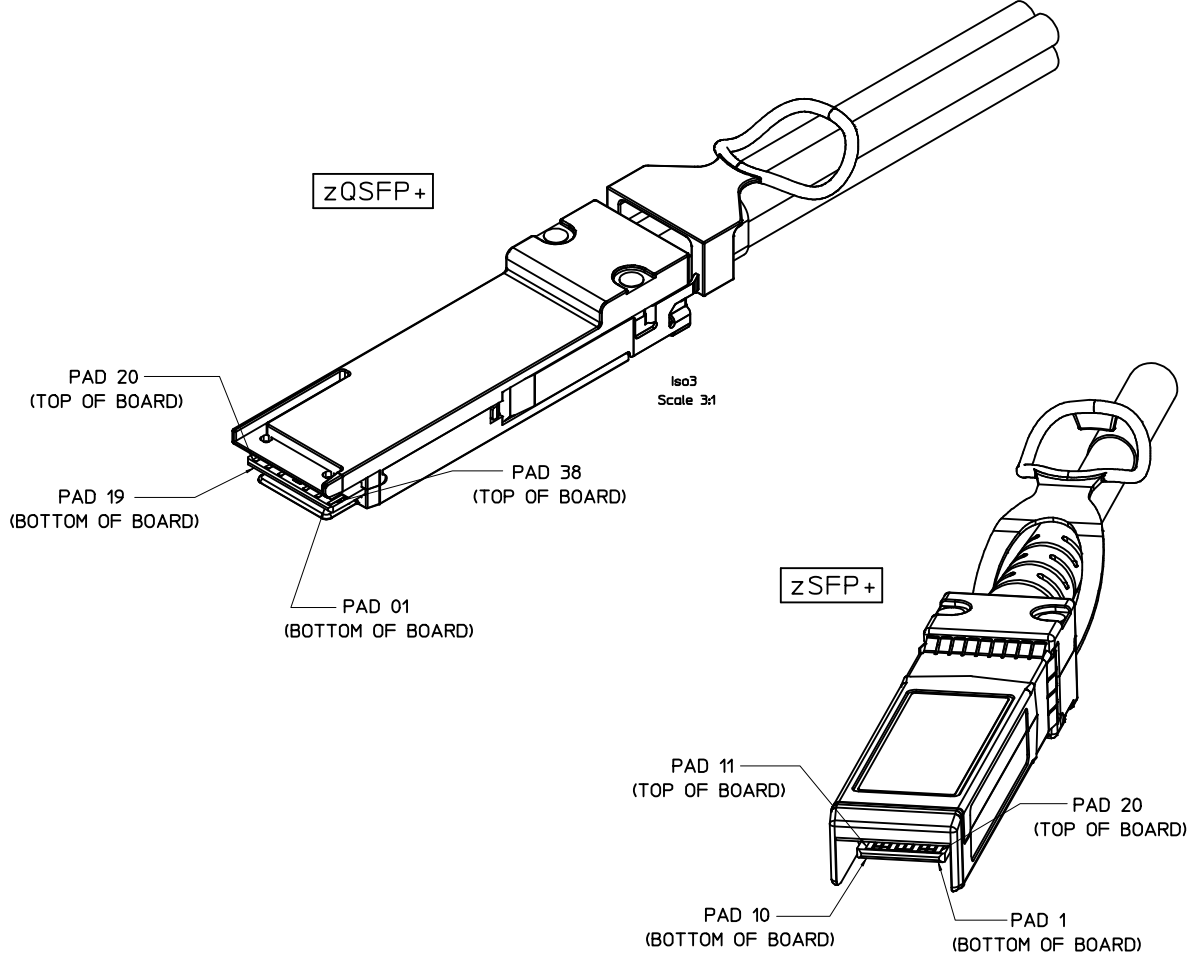


FOR REVISION TABLE		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
SEE REVISION TABLE		▽=0		mm		MM ONLY		1:1		METRIC		THIRD ANGLE PROJECTION	
IEC NO: CPG2015-0377		▽=0		INCH		DRAWN BY		DATE		TITLE		ZQSFP+ TO (4X) ZSFP+ 25G PASSIVE CBL ASSY FOR CISCO	
2		▽=0		4 PLACES ± --- ± ---		BCHEN06_USY		2014/07/11		CHECKED BY		DATE	
DRWN:BCHEN06_USY		▽=0		3 PLACES ± --- ± ---		CHIRSCHY		2014/07/11		APPROVED BY		DATE	
CHKD:CHIRSCHY		▽=0		2 PLACES ± --- ± ---		BCHEN06_USY		2014/07/30		MATERIAL NO.		DOCUMENT NO.	
APPR:BCHEN06_USY				1 PLACE ± --- ± ---		SEE P/N TABLE		RSD-100324-9001		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO.	
REV				0 PLACE ± ±		SIZE		3 OF 4					
				ANGULAR ± ---°									
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

WIRING DIAGRAM				
zQSFP+		zSFP+		
PAD	SIGNAL	SIGNAL	PAD	PLUG
38	GND	----	GND	A
37	TX1-	---->	RD-	
36	TX1+	---->	RD+	
16	GND	----	GND	
17	RX1+	<----	TD+	
18	RX1-	<----	TD-	B
04	GND	----	GND	
02	TX2-	---->	RD-	
03	TX2+	---->	RD+	
23	GND	----	GND	
22	RX2+	<----	TD+	C
21	RX2-	<----	TD-	
35	GND	----	GND	
34	TX3-	---->	RD-	
33	TX3+	---->	RD+	
13	GND	----	GND	D
14	RX3+	<----	TD+	
15	RX3-	<----	TD-	
07	GND	----	GND	
05	TX4-	---->	RD-	
06	TX4+	---->	RD+	
26	GND	----	GND	
25	RX4+	<----	TD+	
24	RX4-	<----	TD-	

LOW SPEED SIGNALS	
zQSFP+	
PAD	SIGNAL
08	ModSelL
09	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMode

LOW SPEED SIGNALS	
zSFP+	
PAD	SIGNAL
02	Tx_Fault
03	Tx_Disable
04	SDA
05	SCL
06	Mod_ABS
07	RS0
08	Rx_LOS
09	RS1
15	VccR
16	VccT



SEE REVISION TABLE IEC NO: CPG2015-4375 DRAWN BY: BCHEN06_USY 2015/02/13 CHECKED BY: CHYK08CHEN05_USY 2015/02/13 APPR: CHIRSCHY 2015/02/20 REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± ± ANGULAR ± ---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DATE BCHEN06_USY 2014/09/10 DATE GBWALZ 2014/09/10 DATE CHIRSCHY 2015/02/20 MATERIAL NO. SIZE D	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE ZQSFP+ TO (4X) ZSFP+ 25G PASSIVE CBL ASSY FOR CISCO molex	DOCUMENT NO. RSD-100345-9001	SHEET NO. 2 OF 4

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

M

L

K

J

I

H

G

F

E

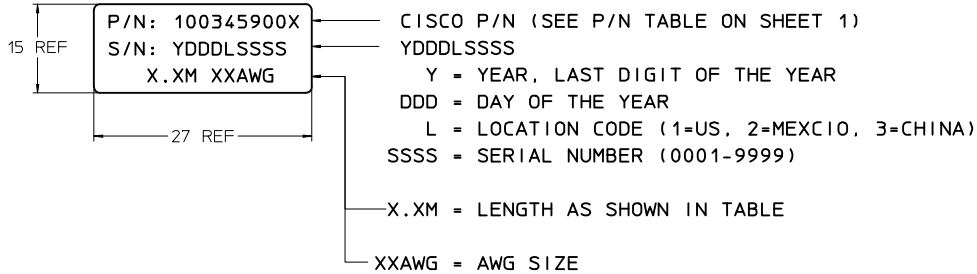
D

C

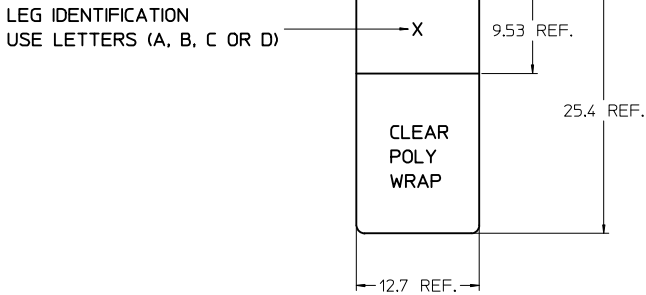
B

A

CABLE ID LABEL

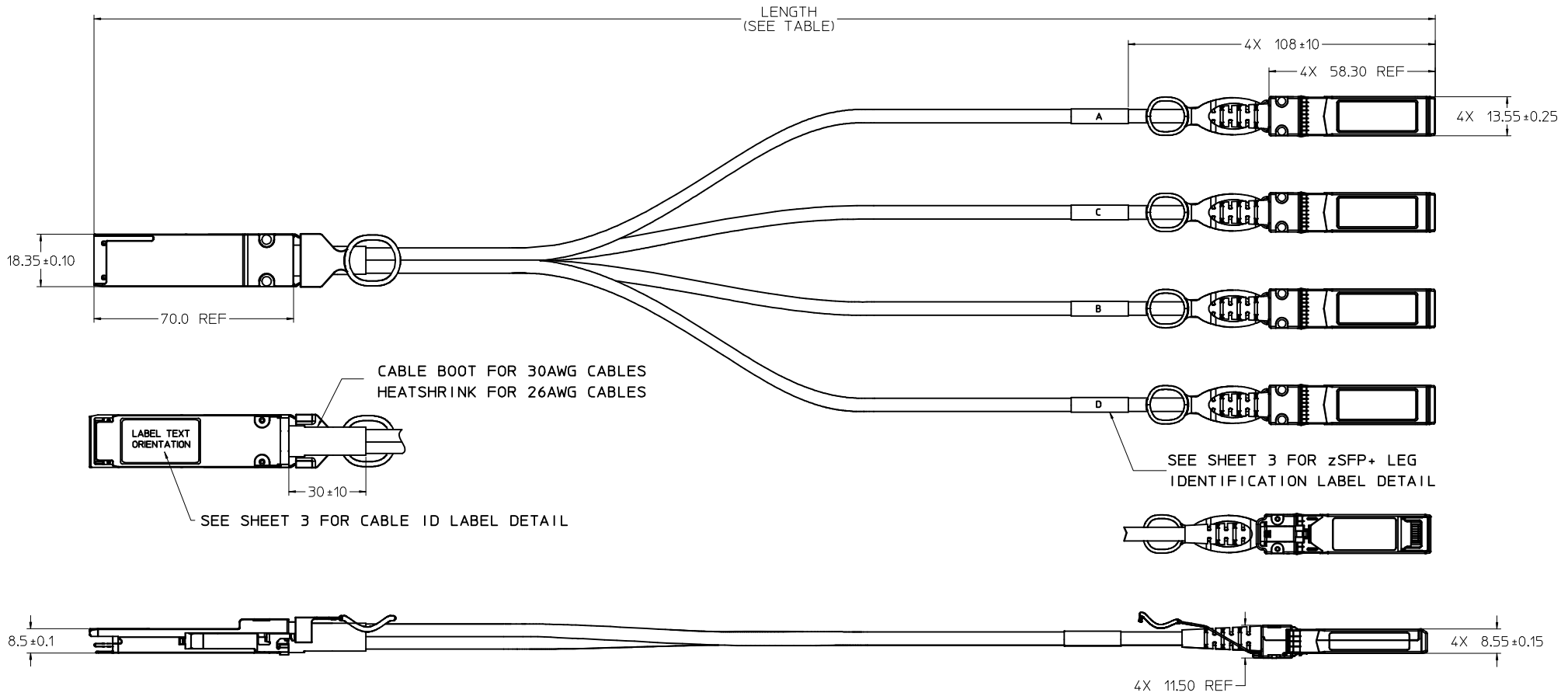


ZSFP+ END LEG LABELS



SEE REVISION TABLE EC NO. CPG2015-4375 2 DRAWN BY: BCHEN06_USY 2015/02/13 CHECKED BY: CHYK08CHEN05_USY 2015/02/13 APPR: CHIRSCHY 2015/02/20	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY	DATE	TITLE		
			4 PLACES	±	±	BCHEN06_USY	2014/09/10	ZQSFP+ TO (4X) ZSFP+ 25G PASSIVE CBL ASSY FOR CISCO		
			3 PLACES	±	±	CHECKED BY	DATE	molex		
			2 PLACES	±	±	GBWALZ	2014/09/10			
			1 PLACE	±	±	APPROVED BY	DATE			
			0 PLACE	±	±	CHIRSCHY	2015/02/20			
			ANGULAR ±		±	MATERIAL NO.		DOCUMENT NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE P/N TABLE		RSD-100345-9001			SHEET NO. 3 OF 4
			SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



NOTES:

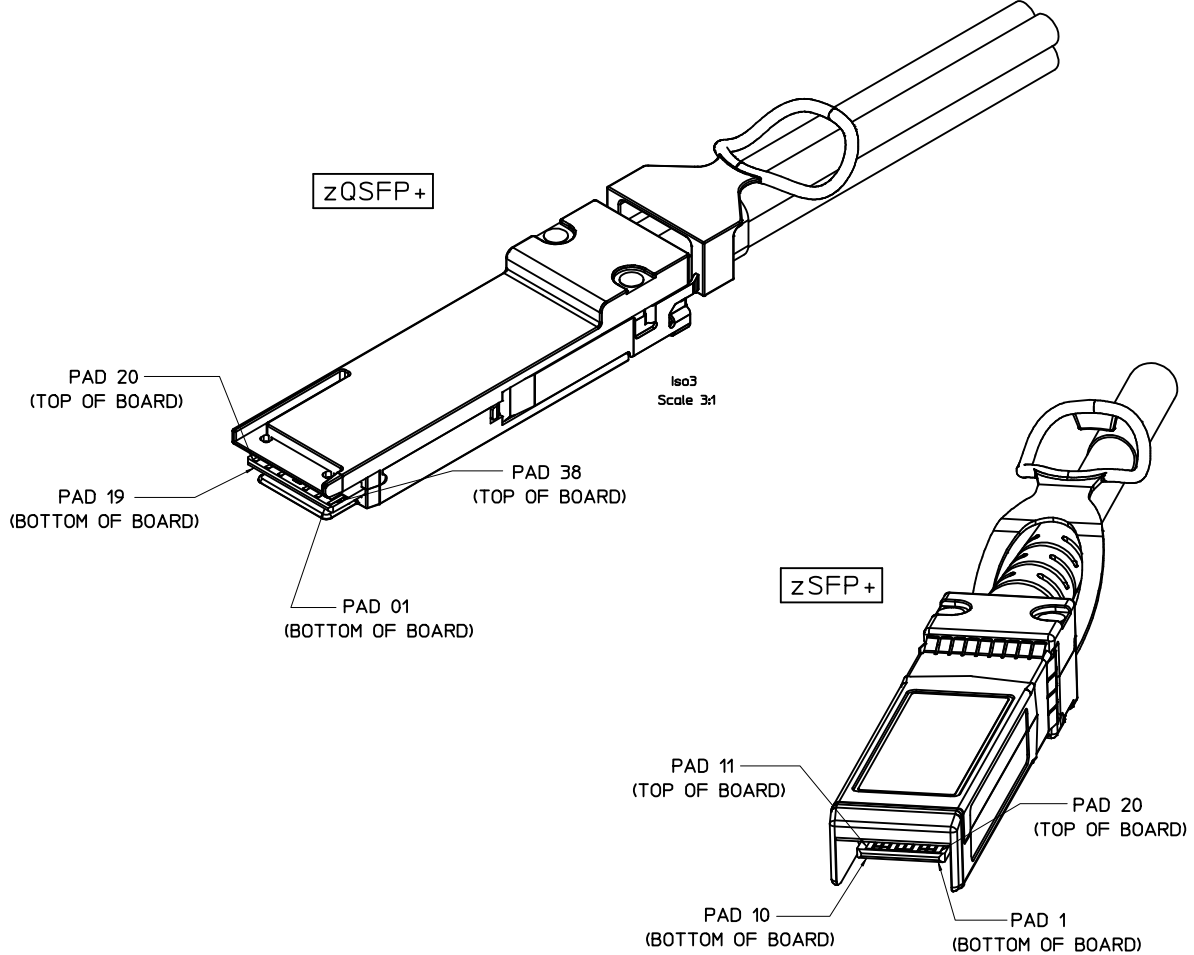
- MATERIALS:
 - RAW CABLE - 2 TWIN-AX PAIRS, PVC JACKET
 - PCB - HALOGEN FREE, UL94 V-0
 - BACKSHELLS - ZINC DIECAST WITH BRIGHT NICKEL PLATING
 - RIVETS - STAINLESS STEEL
- IMPEDANCE - 100 OHMS DIFFERENTIAL
- RoHS COMPLIANT, NO EXEMPTIONS.

CHNG CABLE GAUGE EC NO: CPG2015-6412 DRAWN BY: BCHEN06_USY 2015/06/05 CHECKED BY: CHYKHATFIELD 2015/06/11 APPROVED BY: CHIRSCHY 2015/06/12	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 1.5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
			mm	INCH		DRAWN BY	DATE	TITLE ZQSFP+ TO (4X) ZSFP+ 25G PASSIVE CBL ASSY molex DOCUMENT NO. SD-100345-0001		
		4 PLACES	±	±	BCHEN06_USY	2015/02/13				
		3 PLACES	±	±	CHECKED BY	DATE				
		2 PLACES	±	±	BHATFIELD	2015/02/13				
	1 PLACE	±	±	APPROVED BY	DATE	SHEET NO. 1 OF 3				
	0 PLACE	±	±	CHIRSCHY	2015/02/20					
B	DESCRIPTION	ANGULAR ±°				MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		DRAFT WHERE APPLICABLE				SEE P/N TABLE				
		MUST REMAIN WITHIN DIMENSIONS				SIZE				

WIRING DIAGRAM				
zQSFP+		zSFP+		
PAD	SIGNAL	SIGNAL	PAD	PLUG
38	GND	----	GND	A
37	TX1-	---->	RD-	
36	TX1+	---->	RD+	
16	GND	----	GND	
17	RX1+	<----	TD+	
18	RX1-	<----	TD-	B
04	GND	----	GND	
02	TX2-	---->	RD-	
03	TX2+	---->	RD+	
23	GND	----	GND	
22	RX2+	<----	TD+	C
21	RX2-	<----	TD-	
35	GND	----	GND	
34	TX3-	---->	RD-	
33	TX3+	---->	RD+	
13	GND	----	GND	D
14	RX3+	<----	TD+	
15	RX3-	<----	TD-	
07	GND	----	GND	
05	TX4-	---->	RD-	
06	TX4+	---->	RD+	
26	GND	----	GND	
25	RX4+	<----	TD+	
24	RX4-	<----	TD-	

LOW SPEED SIGNALS	
zQSFP+	
PAD	SIGNAL
08	ModSelL
09	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMode

LOW SPEED SIGNALS	
zSFP+	
PAD	SIGNAL
02	Tx_Fault
03	Tx_Disable
04	SDA
05	SCL
06	Mod_ABS
07	RS0
08	Rx_LOS
09	RS1
15	VccR
16	VccT



CHNG CABLE GAUGE EC NO: CPG2015-6412 DRAWN BY: BCHEN06_USY 2015/06/05 CHECKED BY: CHYDORHATFIELD 2015/06/11 APPR: CHIRSCHY 2015/06/12	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY: BCHEN06_USY 2015/02/13			
	▽=0	3 PLACES ± --- ± ---	CHECKED BY: BHATFIELD 2015/02/13			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± ---°	APPROVED BY: CHIRSCHY 2015/02/20			
		SEE P/N TABLE	MATERIAL NO.	DOCUMENT NO.		

TITLE ZQSFP+ TO (4X) ZSFP+ 25G PASSIVE CBL ASSY

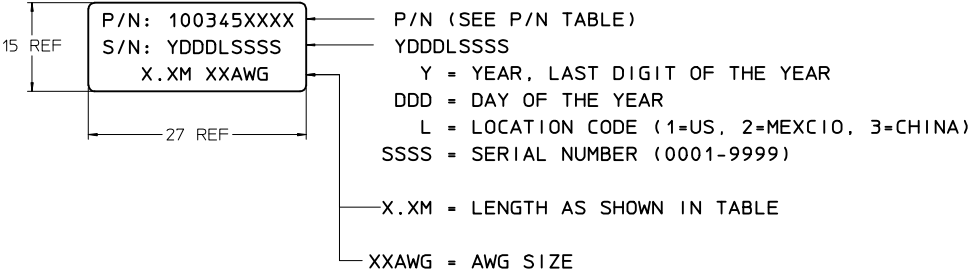
molex

SD-100345-0001

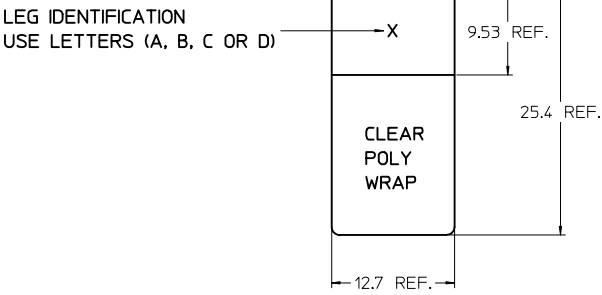
SHEET NO. 2 OF 3

MOLEX P/N	CABLE LENGTH(M)	AWG
1003451051	0.5 ± 0.03	30
1003451101	1.0 ± 0.05	30
1003451151	1.5 ± 0.05	30
1003451201	2.0 ± 0.05	30
1003451251	2.5 ± 0.05	30
1003451301	3.0 ± 0.05	30
1003453301	3.0 ± 0.05	26
1003453351	3.5 ± 0.05	26
1003453401	4.0 ± 0.05	26
1003453451	4.5 ± 0.05	26
1003453501	5.0 ± 0.08	26

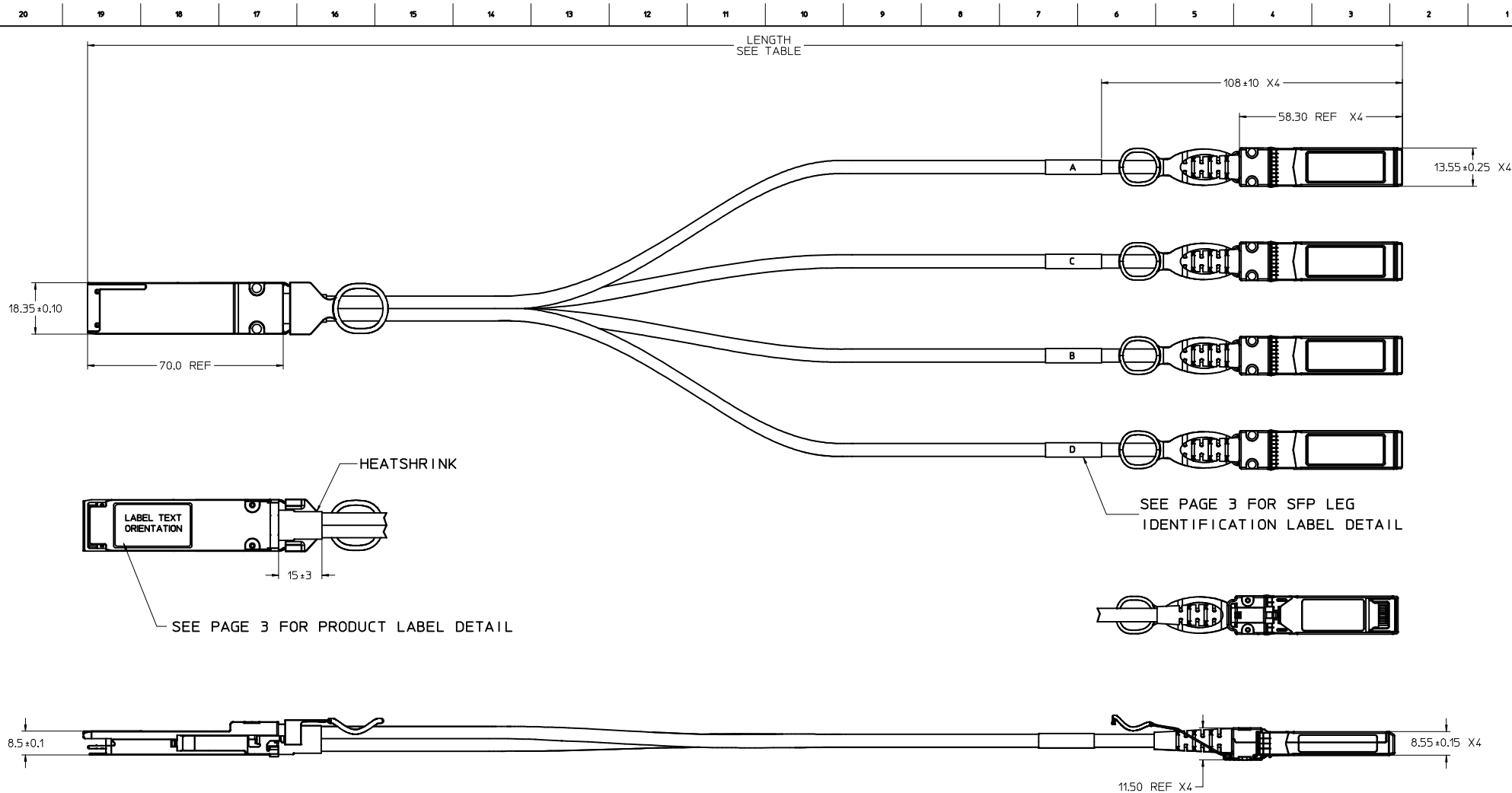
CABLE ID LABEL



ZSFP+ END LEG LABELS



CHNG CABLE GAUGE EC NO: CPG2015-6412 DRAWN BY: BCHEN06_USY 2015/06/05 CHECKED BY: CHYDORHATFIELD 2015/06/11 APPROVED BY: CHIRSCHY 2015/06/12	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± ± ANGULAR ± ---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE ZQSFP+ TO (4X) ZSFP+ 25G PASSIVE CBL ASSY	DOCUMENT NO. SD-100345-0001	SHEET NO. 3 OF 3



NOTES:

1. MATERIALS:

BACKSHELLS - ZINC DIE CAST WITH BRIGHT NICKEL PLATING
DELATCH - STAINLESS STEEL AND OVERMOLDED NYLON
PCB - FR4
RIVETS - STAINLESS STEEL

2. IMPEDANCE - 100 OHMS DIFFERENTIAL

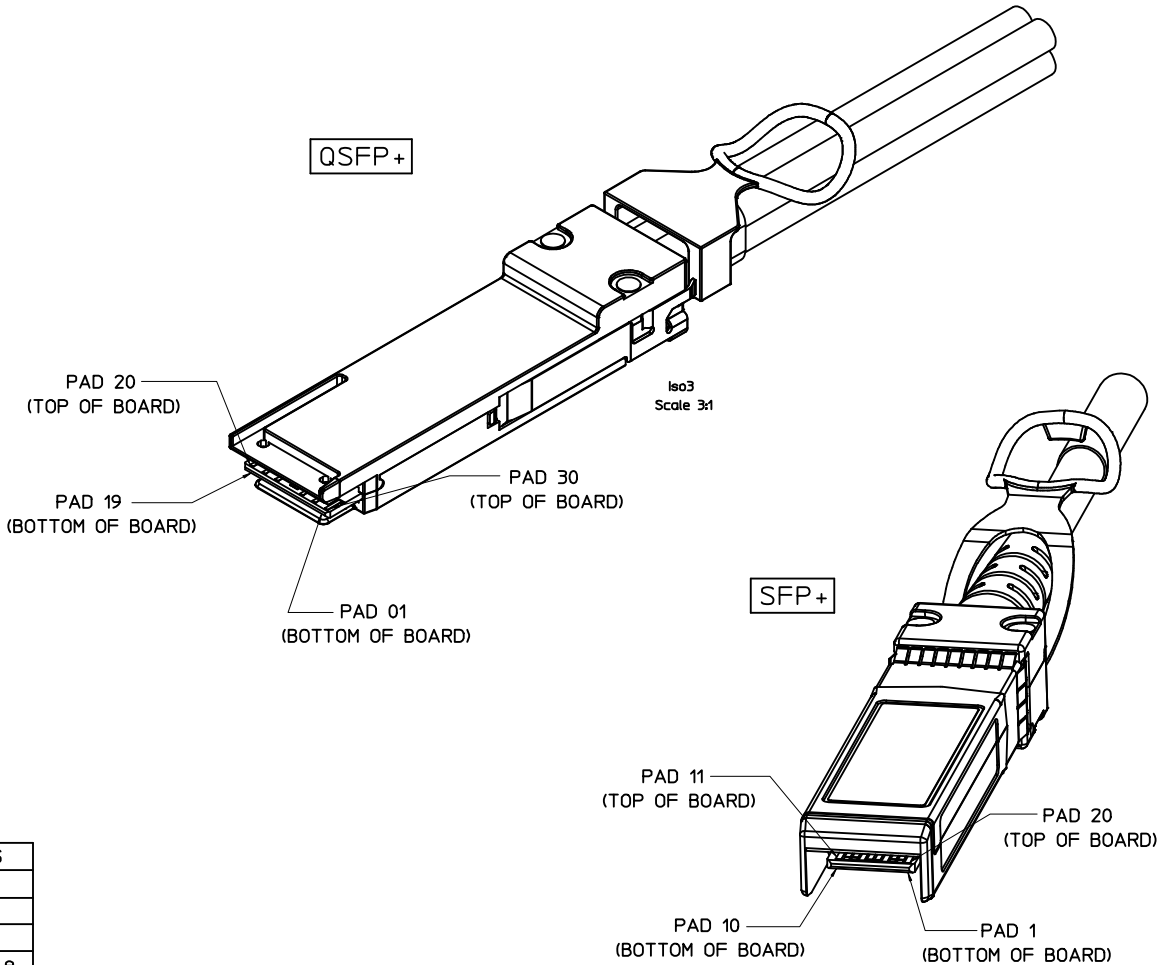
3. RoHS COMPLIANT, WITH EXEMPTIONS.

SEE SHEET 3 FOR PART NUMBER TABLE

ADDED 747641251 EC NO: CPG2015-5225 D C F O K D O M E D I A 2015/04/01 2015/04/02 2015/04/02 APPR-ARYA BIKIN APPR-ARYA BIKIN	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE 15:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE QSF+ TO (4) SFP+ 10G PASSIVE CABLE ASSEMBLY molex SD-74764-001	DOCUMENT NO.	SHEET NO. 1 OF 3
						MM ONLY							
						DATE							
						DATE							
				4 PLACES ± ---		BCHEN06_USY 2010/10/18							
				3 PLACES ± ---		CHECKED BY DATE							
				2 PLACES ± 0.13		KLLOYD 2010/10/18							
				1 PLACE ± 0.25		APPROVED BY DATE							
				0 PLACE ±		RMAHMOOD 2010/10/28							
				ANGULAR ± ---		MATERIAL NO.							
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE P/N TABLE							
SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

WIRING DIAGRAM				
QSFP+			SFP+	
PAD	SIGNAL		SIGNAL	PAD PLUG
38	GND	----	GND	A
37	TX1-	---->	RD-	
36	TX1+	---->	RD+	
16	GND	----	GND	
17	RX1+	<----	TD+	
18	RX1-	<----	TD-	B
04	GND	----	GND	
02	TX2-	---->	RD-	
03	TX2+	---->	RD+	
23	GND	----	GND	
22	RX2+	<----	TD+	C
21	RX2-	<----	TD-	
35	GND	----	GND	
34	TX3-	---->	RD-	
33	TX3+	---->	RD+	
13	GND	----	GND	D
14	RX3+	<----	TD+	
15	RX3-	<----	TD-	
07	GND	----	GND	
05	TX4-	---->	RD-	
06	TX4+	---->	RD+	
26	GND	----	GND	
25	RX4+	<----	TD+	
24	RX4-	<----	TD-	



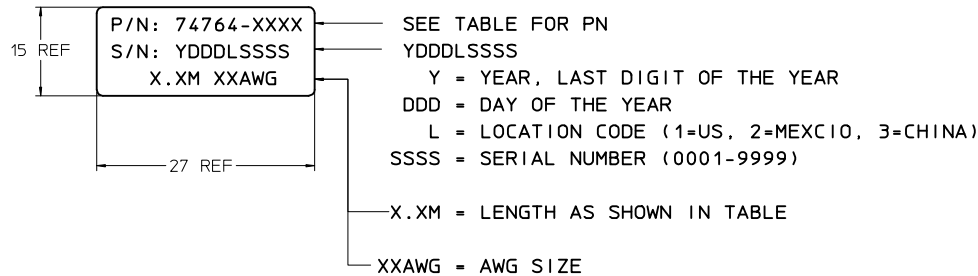
LOW SPEED SIGNALS	
QSFP+	
PAD	SIGNAL
08	ModSelL
09	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMode

LOW SPEED SIGNALS	
SFP+	
PAD	SIGNAL
02	Tx_Fault
03	Tx_Disable
04	SDA
05	SCL
06	Mod_ABS
07	RS0
08	Rx_LOS
09	RS1
15	VccR
16	VccT

ADDED 747641251 EC NO: CPG2015-5225 DRAWN BY CHYDARABURN 2015/04/01 CHECKED BY APPR:ARABURN 2015/04/02 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
				MM ONLY		4:1	METRIC	
	▽=0	mm	INCH	DRAWN BY	DATE	TITLE		
	▽=0	4 PLACES ± --- ± ---	BCHEN06_USY	2010/10/18	QSF+ TO (4) SFP+ 10G PASSIVE CABLE ASSEMBLY			
	▽=0	3 PLACES ± --- ± ---	CHECKED BY	DATE				
		2 PLACES ± 0.13 ± ---	KLOYD	2010/10/18				
		1 PLACE ± 0.25 ± ---	APPROVED BY	DATE				
		0 PLACE ± ±	RMAHMOOD	2010/10/28				
		ANGULAR ± ---°		MATERIAL NO.		DOCUMENT NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE P/N TABLE		SD-74764-001		
			SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
				SHEET NO. 2 OF 3				

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

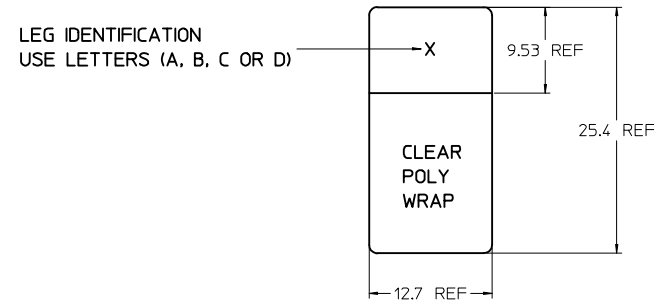
PRODUCT LABEL DETAIL



PART NUMBER TABLE

MOLEX P/N	LENGTH	TOL .	AWG
747641051	0.5M	±0.03M	30
747641101	1.0M	±0.05M	30
747641201	2.0M	±0.05M	30
747641251	2.5M	±0.05M	30
747641301	3.0M	±0.05M	30
747641401	4.0M	±0.05M	30
747642201	2.0M	±0.05M	28
747642301	3.0M	±0.05M	28
747642331	3.3M	±0.05M	28
747642351	3.5M	±0.05M	28
747642371	3.7M	±0.05M	28
747642401	4.0M	±0.05M	28
747642501	5.0M	±0.05M	28

SFP LEG IDENTIFICATION LABEL DETAIL



ADDED 747641251 IEC NO: CPG2015-5225 DRAWN BY: CHYDARABURN CHECKED BY: APPR:ARABURN DATE: 2015/04/01 DATE: 2015/04/02 DATE: 2015/04/02	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
					DRAWN BY DATE B'CHEN06_USY 2010/10/18				
					CHECKED BY DATE K'LOYD 2010/10/18				
					APPROVED BY DATE R'MAHMOOD 2010/10/28				
					MATERIAL NO.				
DRAFT	▽=0	REVISION	ANGULAR ±---°		SEE P/N TABLE		DOCUMENT NO.		SHEET NO. 3 OF 3
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SD-74764-001				
			SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				