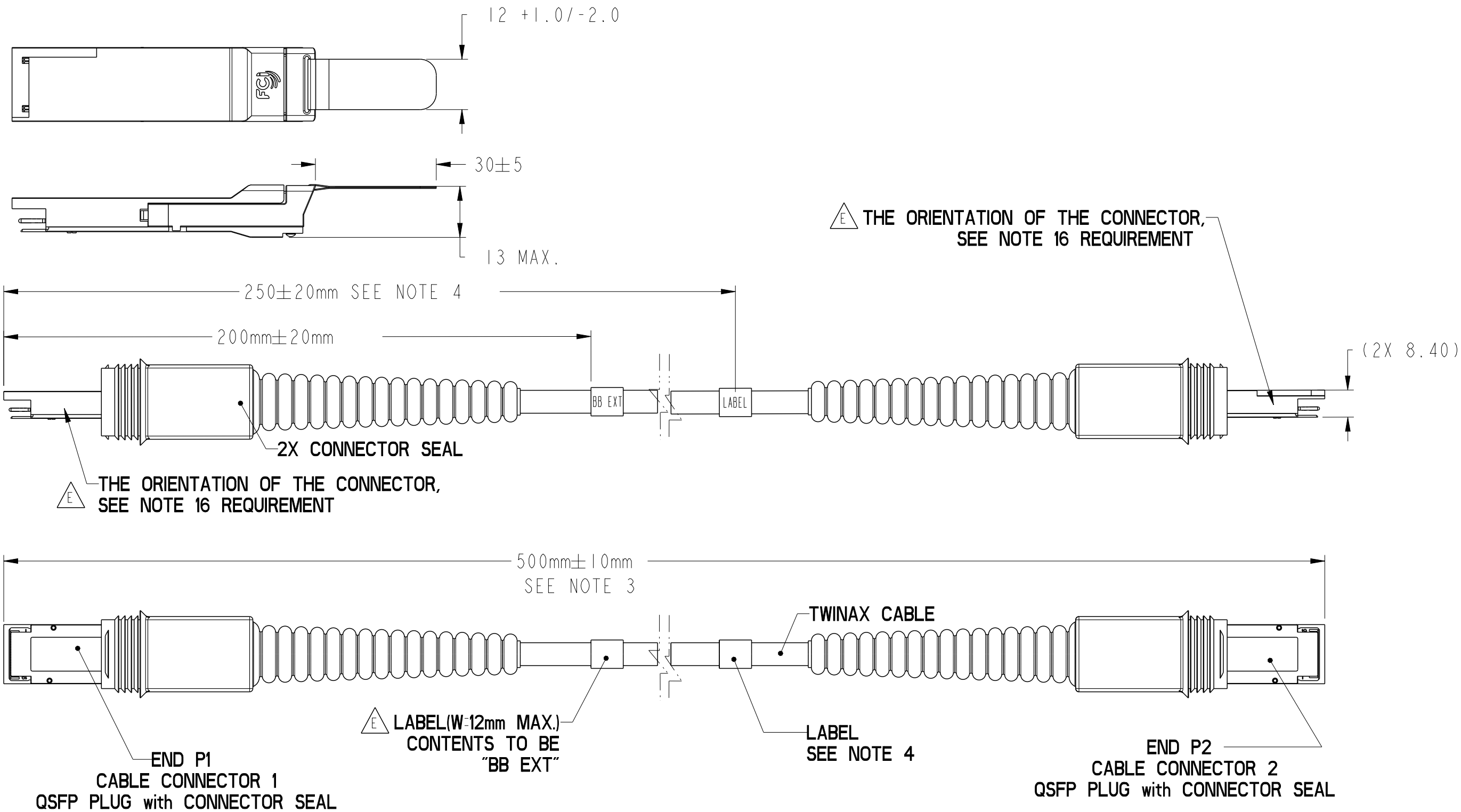
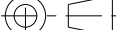




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FCI P/N	CUSTOMER P/N	AWG
10110113-101LF	995298a	30 AWG 12 PAIR +2



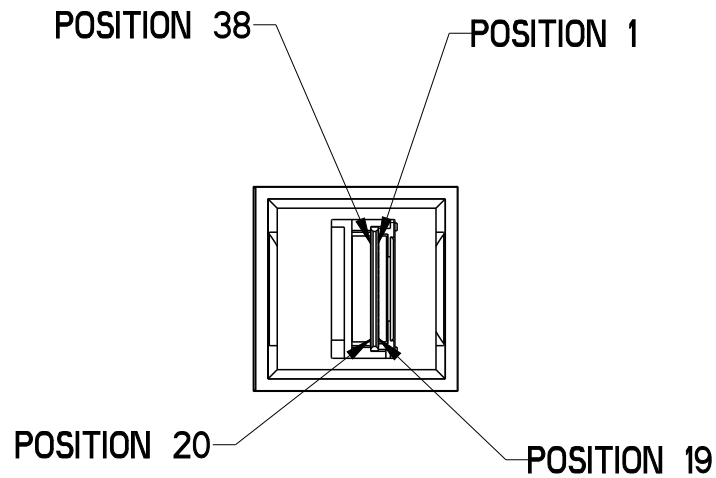
dr	Deborah Ingram	2009/12/07	projection 	mm 	size	A3	scale	1:2				
eng	Tommy Lin	2013/07/12			ecn no				ELX-N-15225-1			
chr	-	-			rel level				Released			
appr	Roger Cheng	2013/07/15	product family			QSFP PLUG						
		title			FINAL ASSEMBLY			dwg no		10110113	rev	E
CUSTOM QSFP (PASSIVE) ASSEMBLY												
www.fci.com		cat. no.		-		Product - Customer Drw				sheet 1 of 3		

PART NUMBER
10110113-101LF
SEE TABLE

WIRING LIST (SEE NOTE 5)				
END P1			END P2	
POSITION	SYMBOL		POSITION	SYMBOL
1	I2C_SCL		1	I2C_SCL
2	GND		37	GND
3	TX0-_DATA		36	RX0-_DATA
4	TX0+_DATA		35	RX0+_DATA
5	GND		34	GND
6	TX1-_DATA		33	RX1-_DATA
7	TX1+_DATA		32	RX1+_DATA
8	GND		31	GND
9	TX2-_DATA		30	RX2-_DATA
10	TX2+_DATA		29	RX2+_DATA
11	GND		28	GND
12	TX3-_DATA		27	RX3-_DATA
13	TX3+_DATA		26	RX3+_DATA
14	GND		25	GND
15	TX4-_DATA		24	RX4-_DATA
16	TX4+_DATA		23	RX4+_DATA
17	GND		17	GND
18	CLK0-		18	CLK0-
19	CLK0+		19	CLK0+
20	CLK1+		20	CLK1+
21	CLK1-		21	CLK1-
22	GND		22	GND
23	RX4+_DATA		16	TX4+_DATA
24	RX4-_DATA		15	TX4-_DATA
25	GND		14	GND
26	RX3+_DATA		13	TX3+_DATA
27	RX3-_DATA		12	TX3-_DATA
28	GND		11	GND
29	RX2+_DATA		10	TX2+_DATA
30	RX2-_DATA		9	TX2-_DATA
31	GND		8	GND
32	RX1+_DATA		7	TX1+_DATA
33	RX1-_DATA		6	TX1-_DATA
34	GND		5	GND
35	RX0+_DATA		4	TX0+_DATA
36	RX0-_DATA		3	TX0-_DATA
37	GND		2	GND
38	I2C_SDA		38	I2C_SDA

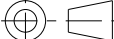
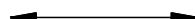
360° GROUNDING
TO BACKSHELL
SHIELD

360° GROUNDING
TO BACKSHELL
SHIELD



VIEW A
SCALE 2:1

DATA SIGNALS TYPE IS DIFFERENTIAL, DATA RATE 6.25Gbits
CLK SIGNALS TYPE IS DIFFERENTIAL, FREQUENCY 3.84MHz (opt. 200MHz).
I2C SIGNALS TYPE IS SINGLE ENDED, DATA RATE 100kbit (100kHz)
MATING LEVEL 1 HAS TO MATE FIRST
MATING LEVEL 1: ALL GROUNDS
MATING LEVEL 3: ALL SIGNALS/DATA/CLK

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chr	-	-									
appr	Roger Cheng	2013/07/15	product family		QSFP PLUG		rel level	Released			
		title			FINAL ASSEMBLY CUSTOM QSFP (PASSIVE) ASSEMBLY			dwg no	10110113	rev	E
www.fci.com		cat. no.		-	Product - Customer Drw				sheet 2 of 3		

PART NUMBER
10110113-101LF
SEE TABLE

NOTES:

1. MATERIAL:
CASTINGS: ZINC ALLOY WITH PLATING
PULL TAB: THERMO PLASTIC POLYMER
LATCH RELEASE: ZINC DIECAST WITH PLATING
DRIVE SCREWS: STAINLESS STEEL
STRAIN RELIEF COLLAR: BRASS
SPRING: STAINLESS STEEL
LOCTITE
PADDLE CARD: PRINTED CIRCUIT SUBSTRATE
CABLE TO BE UL RECGONIZED
CONNECTOR SEAL: TBD

2. THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2011/65/EU)

3. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.

4. UNLESS OTHERWISE SPECIFIED LABEL POSITION IS TO BE 250mm FROM NOSE OF CONNECTOR.
LABEL DETAILS:

NSN P/N
FFYYWW

FF =FG (FACTORY SYMBOL)
YY =YEAR
WW =WEEK

EXAMPLE:

995298a
FG1046

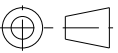
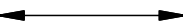
FONT SHALL BE CLEARLY VISIBLE AND BLACK IN COLOR.

5. ALL CABLE ASSEMBLIES SHALL BE 100% TESTED FOR CONTINUITY AS DEFINED IN WIRING LIST.
6. OTHER TESTING PERFORMED AS REQUIRED BY PRODUCT SPECIFICATION: GS-12-622 (SECTIONS 6.4 AND 6.5 DO NOT APPLY)
7. PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING PER SPECIFICATION GS-14-920.
PACKAGE CABLE ASSEMBLIES PER GS-14-1272. DUST COVERS ARE TO BE ASSEMBLED PRIOR TO PACKAGING
8. A "△" SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION. THE CURRENT REVISION WILL BE SHOWN IN THE SYMBOL.
9. CABLE ASSEMBLY SHALL MEET THESE NSN STANDARDS:
UL94V-1 CONNECTORS
VW-1 SIGNAL CABLE WIRES
COMPLY WITH NSN SUBSTANCE LIST
INGRESS IP65
UV RESISTANT
OPERATING TEMP RANGE -35°C...+80°C
INSTALLATION TEMP RANGE -20°C...+60°
DIFFERENTIAL-IMPEDANCE 100±10Ω
10. MIN. BEND RADIUS: 5 X Ø
11. ALL CABLE ASSEMBLIES ARE TO BE 100% HI-POT TESTED.
12. ALL DIMENSIONS ARE IN MILLIMETERS.
13. CABLE ASSEMBLY SHALL MEET INGRESS PROTECTION REQUIREMENT IP65, IF THE CABLE ASSEMBLY IS CORRECTLY INSTALLED.

14. CABLE JACKET TO BE 6.9±0.2mm

15. THIS ASSEMBLY DOESN'T HAVE EEPROM ON PCB SIDE.

16. THE ORIENTATION OF THE CONNECTOR MUST BE 0±45 DEGREE.
PULL TAB MUST BE AT THE SAME SIDE ACCORDING OF THE DRAWING.

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		FINAL ASSEMBLY			dwg no	10110113		rev
		CUSTOM QSFP (PASSIVE) ASSEMBLY						E
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