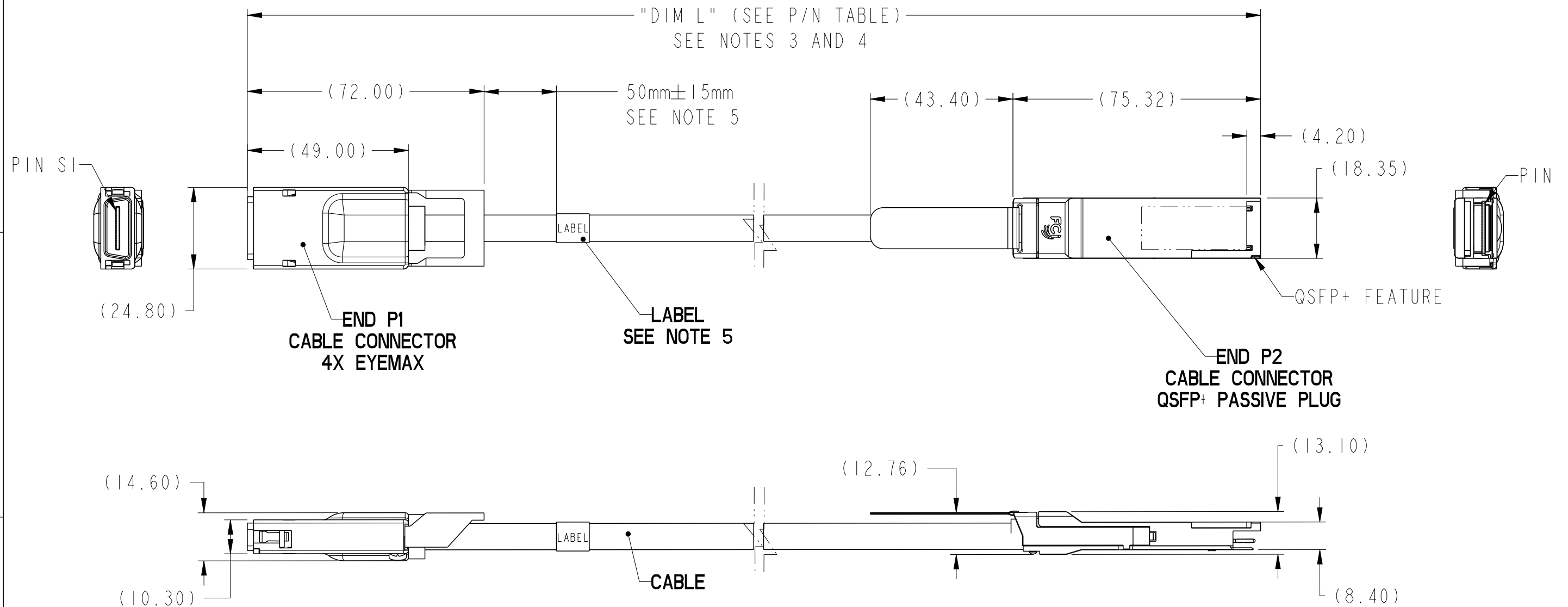
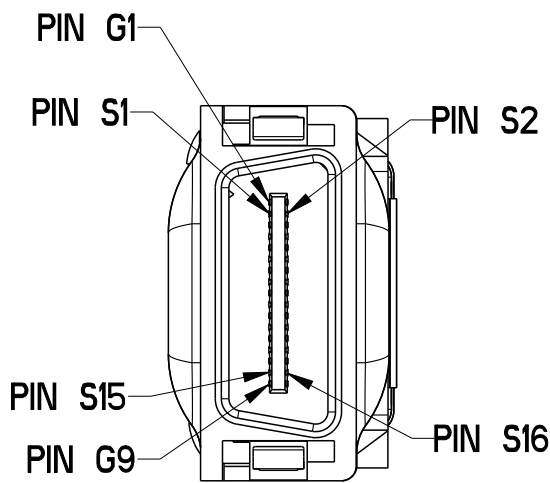


PART NUMBER	"DIM L" LENGTH (Meters)	AWG
10117984-1010HLF	1.0	32
10117984-2010HLF	1.0	30
10117984-2030HLF	3.0	30
10117984-4010HLF	1.0	26
10117984-4020HLF	2.0	26
10117984-4030HLF	3.0	26
10117984-4050HLF	5.0	26
10117984-4060HLF	6.0	26
10117984-5100HLF	10.0	24

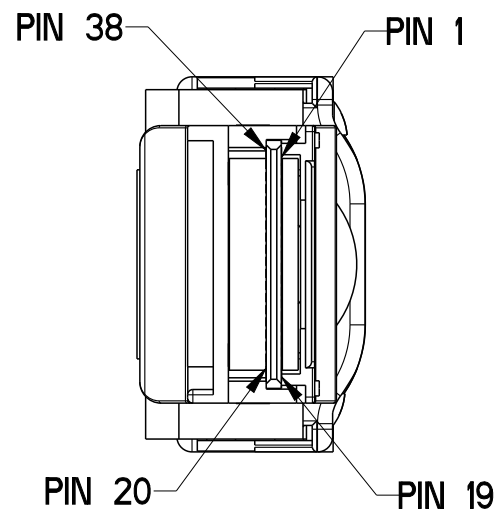


spec ref				dr Deborah Ingram		2011/04/12		projection 	mm 	size	A3	scale	3:10
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Tommy Lin		2013/04/11				ecn no ELX-N-14486-1			
				chr -		-				rel level Released			
				appr Roger Cheng		2013/04/12							
								product family QSFP PLUG					
surface 	linear	0.X	±-		title FINAL ASSEMBLY - STANDARD				dwg no 10117984				rev B
		0.XX	±-										
		0.XXX	±-										
	angular	0°	±-°	www.fci.com		cat. no. -		Product - Customer Drw				sheet 1 of 3	

Product number	DESCRIPTION
10117984-XXXXHLF	HALOGEN FREE (H)



END P1
CABLE CONNECTOR
4X EYEMAX



END P2
CABLE CONNECTOR
QSFP+ PASSIVE PLUG

WIRING LIST (SEE NOTE 6)

END P1 (EYEMAX)			END P2 (QSFP+)	
EYEMAX PIN NUMBER	EYEMAX SIGNAL	CABLE PAIR	QSFP + SIGNAL NAME	QSFP+ PIN NUMBER
G1-G9	SIGNAL GROUND	<--->	GND	1, 4, 7, 13, 16, 19, 20 23, 26, 32, 35, 38
S1	IBtxlp(0)	<-p	TX1p	36
S2	IBtxln(0)	<-n	TX1n	37
S3	IBtxlp(1)	<-p	TX2p	3
S4	IBtxln(1)	<-n	TX2n	2
S5	IBtxlp(2)	<-p	TX3p	33
S6	IBtxln(2)	<-n	TX3n	34
S7	IBtxlp(3)	<-p	TX4p	6
S8	IBtxln(3)	<-n	TX4n	5
S9	IBtxOn(3)	->n	RX4n	24
S10	IBtxOp(3)	->p	RX4p	25
S11	IBtxOn(2)	->n	RX3n	15
S12	IBtxOp(2)	->p	RX3p	14
S13	IBtxOn(1)	->n	RX2n	21
S14	IBtxOp(1)	->p	RX2p	22
S15	IBtxOn(0)	->n	RX1n	18
S16	IBtxOp(0)	->p	RX1p	17
HOUSING	CHASSIS GROUND		HOUSING	CHASSIS GROUND (CASE COMMON)

spec ref				dr		Deborah Ingram		2011/04/12		projection				size		A3		scale		3:10									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Tommy Lin		2013/04/11						ecn no		ELX-N-14486-1											
						chr		-		-																			
						appr		Roger Cheng		2013/04/12												product family				QSFP PLUG			
surface 		linear		0.X		±-				title		FINAL ASSEMBLY - STANDARD						dwg no		10117984						rev		B	
				0.XX		±-																							
				0.XXX		±-																							
				angular		0°		±-°		www.fci.com		cat. no.		-		Product - Customer Drw						sheet 2 of 3							



Product number	DESCRIPTION
10117984-XXXXHLF	HALOGEN FREE (H)



LABEL EXAMPLE

FCI MADE IN CHINA
10117984-5100HLF
REV.B
CNI3159JA05H0001

SERIAL NUMBER IS ONLY USED FOR TRACKING PRODUCT,DETAIL IS AS BELOW :

CN PRESENT MADE IN CHINA
YYWW(YEAR AND WEEK)
PRESENT PRODUCT BASE NUMBER(USE "9J")

CNI3159JA05H0001

SEQUENCE NUMBER(0001~9999)
H IS HALOGEN FREE TYPE
CABLE AWG(1 IS 32AWG,2 IS 30AWG,4 IS 26AWG,5 IS 24AWG)
LENGTH(A0 IS 10 METERS, 10 IS 1.0 METER, ETC)

- OTES:
- ① - QSFP+ MATERIALS:
CASTINGS: ZINC ALLOY/ COPPER UNDERPLATE/ NICKEL OVERPLATE
PULL TAB: THERMOPLASTIC POLYMER
LATCH RELEASE: ZINC DIECAST, NICKEL OVERPLATE
DRIVE SCREWS: STAINLESS STEEL
STRAIN RELIEF COLLAR: BRASS
SPRING: STAINLESS STEEL
LOCTITE
PADDLE CARD: PRINTED CIRCUIT SUBSTRATE
- EYEMAX MATERIALS:
COVERS: ZINC ALLOY/ COPPER UNDERPLATE/ NICKEL OVERPLATE
PULL TAB AND CABLE COLLARS: NYLON
PLUG ASSEMBLIES: THERMOPLASTIC AND COPPER ALLOY
LATCH: STAINLESS STEEL
PCB BOARD: PRINTED CIRCUIT SUBSTRATE
- 2 - THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC)
- ③ THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
- ④ - UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE IS TO BE:
"DIM L" < 1 METER = ± 25mm
"DIM L" = 1 METER TO 10 METERS = ± 2% OF "DIM L"



- ⑤ - UNLESS OTHERWISE SPECIFIED LABEL POSITION IS TO BE 50mm FROM REAR OF CONNECTOR.
- LABEL DETAILS:
MANUFACTURER CODE OR NAME COUNTRY ORIGIN
CUSTOMER P/N OR FCI P/N
REVISION
SERIAL NUMBER

FONT SHALL BE CLEARLY VISIBLE AND BLACK IN COLOR.

- ⑥ - ALL CABLE ASSEMBLIES SHALL BE 100% TESTED FOR CONTINUITY AS DEFINED IN WIRING LIST.
- 7 - IMPEDANCE: 100Ω DIFFERENTIAL.
- 8 - OTHER TESTING PERFORMED AS REQUIRED BY QSFP+ PRODUCT SPECIFICATION: GS-12-622.
OTHER TESTING PERFORMED AS REQUIRED BY EYEMAX PRODUCT SPECIFICATION: GS-12-216 & GS-12-209.
- 9 - PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING PER SPECIFICATION GS-14-920.
PACKAGE CABLE ASSEMBLIES PER GS-14-1272..
10. 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.
11. "H" PRODUCT NUMBERS DESIGNATE THE USE OF HALOGEN FREE RAW CABLE.
12. LONGER LENGTH APPLICATIONS REQUIRE HOST SYSTEM PREMPHASIS AND/OR EQUALIZATION.

spec ref				dr		Deborah Ingram		2011/04/12		projection		mm		size		A3		scale		3:10									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Tommy Lin		2013/04/11						ecn no		ELX-N-14486-1											
						chr		-		-																			
						appr		Roger Cheng		2013/04/12																			
						product family						QSFP PLUG						rel level		Released									
surface		linear		0.X		± -				title		FINAL ASSEMBLY - STANDARD						dwg no		10117984						rev		B	
				0.XX		± -																							
				0.XXX		± -																							
				angular		0°		± -°		www.fci.com		cat. no.		-		Product - Customer Drw						sheet 3 of 3							