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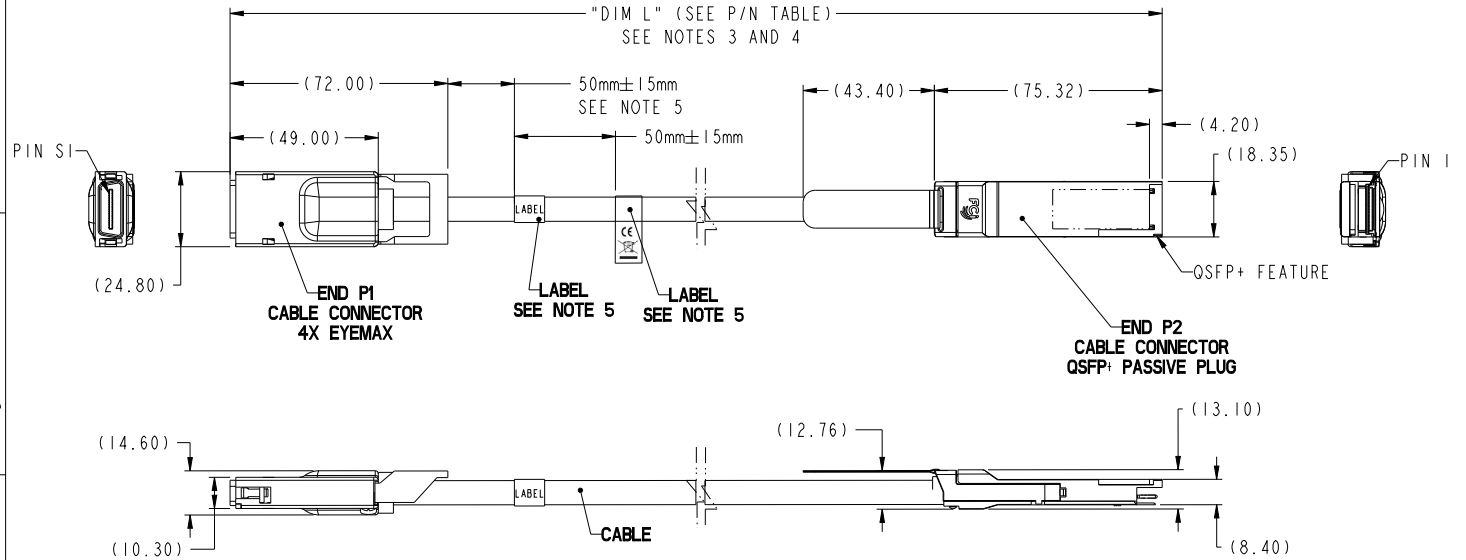
[FCI](#)

[10117984-1010HLF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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	20150612	projection	size A3	scale 3:10
tolerance std	eng Tom Feng	20150609		ecm no	ELX-N21985-1
TOLERANCES UNLESS OTHERWISE SPECIFIED linear 0.X ±- 0.XX ±- 0.XXX ±- angular 0° ±-	chr			product family	OSFP PLUG
	appr Frank Mao	20150617			
title FINAL ASSEMBLY - STANDARD OSFP+ (PASSIVE) to EYEMAX ASSEMBLY		cat. no.		eng no 10117984	rev C
www.fci.com			Product - Customer Drw		sheet 1 of 3

Prod File - REC C - 2009-04-09

1

2

3

PDS: Rev C

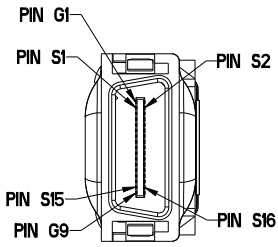
STATUS: Released

Printed: Sep 18, 2015

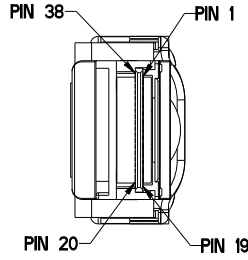
Product number	DESCRIPTION
10117984-XXXXHLF	HALOGEN FREE (H)

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	IBtxIp(0)	<-> p	TX1p	36
S2	IBtxIn(0)	<-> n	TX1n	37
S3	IBtxIp(1)	<-> p	TX2p	3
S4	IBtxIn(1)	<-> n	TX2n	2
S5	IBtxIp(2)	<-> p	TX3p	33
S6	IBtxIn(2)	<-> n	TX3n	34
S7	IBtxIp(3)	<-> p	TX4p	6
S8	IBtxIn(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)



**END P1
CABLE CONNECTOR
4X EYEMAX**



**END P2
CABLE CONNECTOR
QSFP+ PASSIVE PLUG**



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spec ref	dr	Deborah Ingram	20150412	projection	mm	size	A3	scale	3:10
tolerance std	eng	Tom Feng	20150809			ecn no	ELN-21985-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-						
	appr	Frank Mao	20150917						
surface	linear	0.X	±		FCI	www.fci.com	title FINAL ASSEMBLY - STANDARD QSFP+ (PASSIVE) to EYEMAX ASSEMBLY	eng no 10117984	rev C
	angular	0°	±						

Prod File - REC C - 2009-04-09

1

2

3

PDS: Rev C

STATUS: Released

Printed: Sep 18, 2015

Product - Customer Draw sheet 2 of 3

Product number	DESCRIPTION
10117984-XXXXHLF	HALOGEN FREE (H)

NOTES:

- ① - OSFP+ 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

△ LABEL EXAMPLE

FCI MADE IN CHINA
10117984-5100HLF
REV.C
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)

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 OSFP+ 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.

△ CE AND WEEE LOGO LABEL



spec ref	dr Deborah Ingram	20150012	projection	mm	size A3	scale 3:10
tolerance std	eng Tom Feng	20150009			ecn no ELX-N21985-1	rel level Released
	chr					
	appr Frank Mao	20150017	product family OSFP PLUG			
surface	linear	0.X ±			FINAL ASSEMBLY - STANDARD OSFP+ (PASSIVE) to EYEMAX ASSEMBLY	10117984
		0.XX ±	www.fci.com		cat. no.	Product - Customer Drw
		0.XXX ±				sheet 3 of 3
	angular	0° ±				