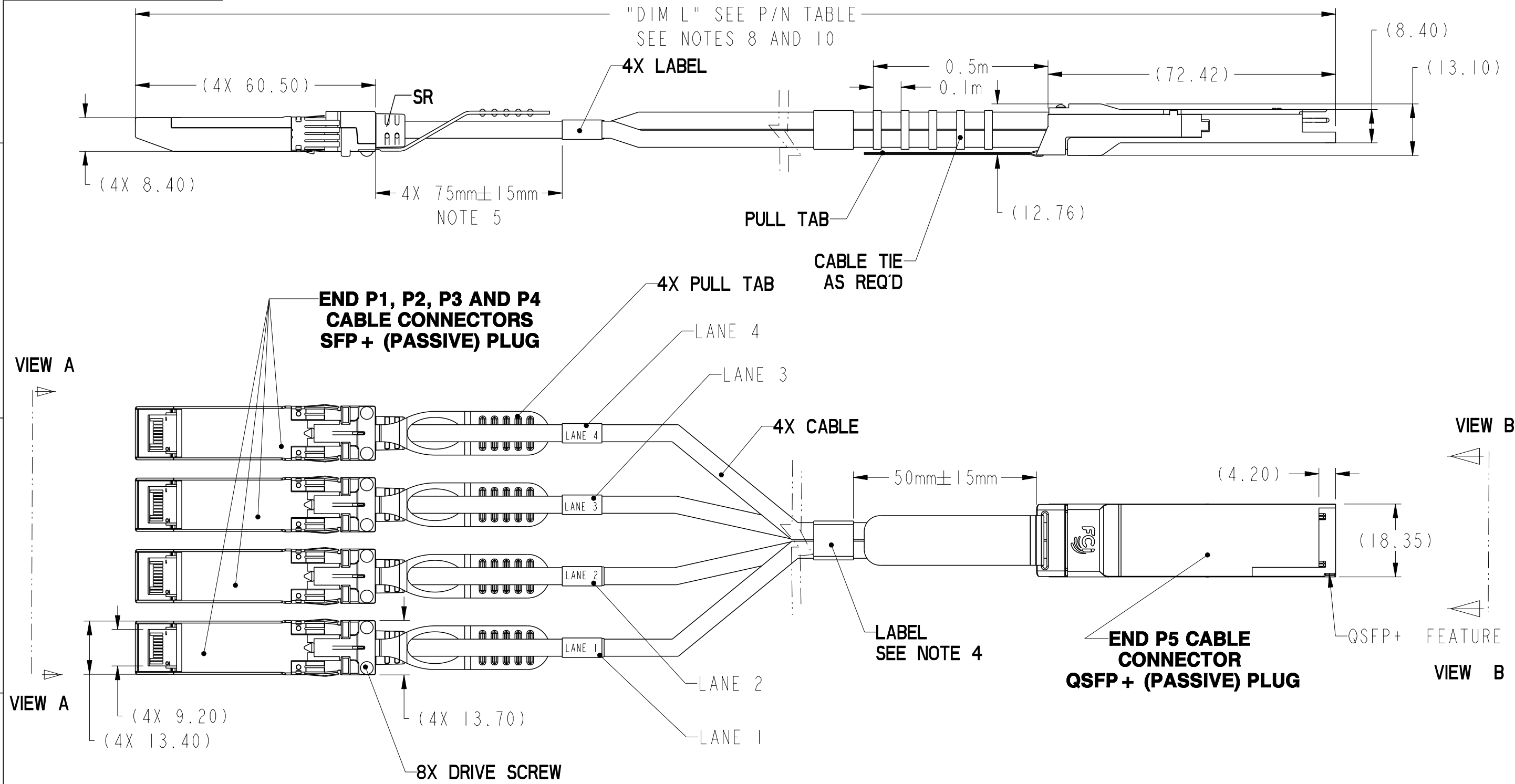


PRODUCT NUMBER
10114734-XXXXHFLF
10114734-XXXXLF
SEE TABLE, SHT. 3

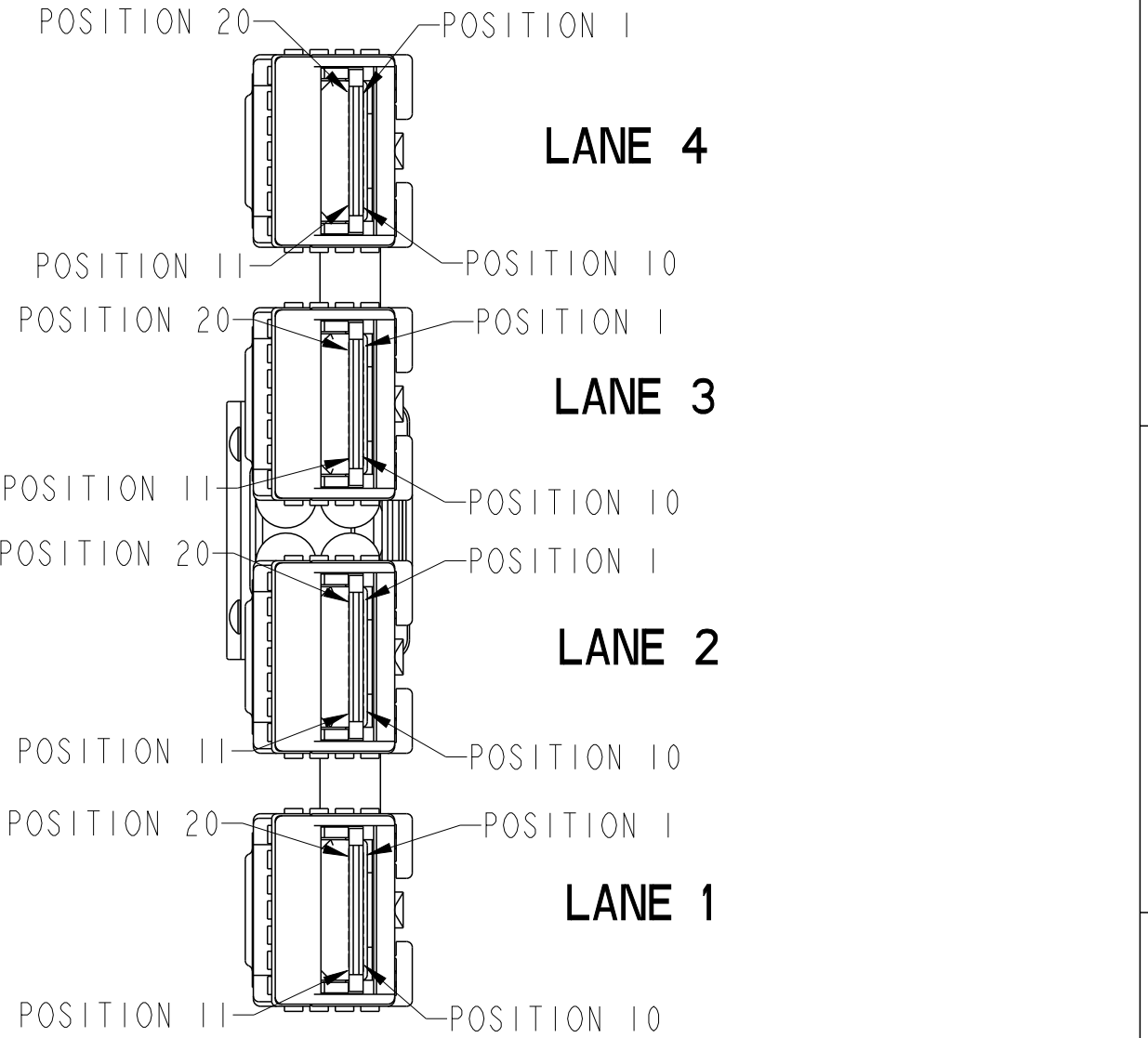


spec ref				dr		Deborah Ingram		2010/05/04		projection		mm		size		A3		scale		3:10																	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Shawn Xu		2017/05/12						ecn no		ELX-N-26978-1																			
chr						-		-																													
appr						Michael Zhou		2017/05/12		product family										C&A		rel level		Released													
surface		linear		0.X		±0.3		Amphenol FCI		title		FINAL ASSEMBLY - 10Gbps/Channel (4X) SFP+ TO QSFP+ CABLE ASSEMBLY										dwg no		10114734										rev		F	
				0.XX		±0.10																															
				0.XXX		±0.050																															
				angular		0°		±2°				cat. no.		-		Product - Customer Drw										sheet 1 of 3											

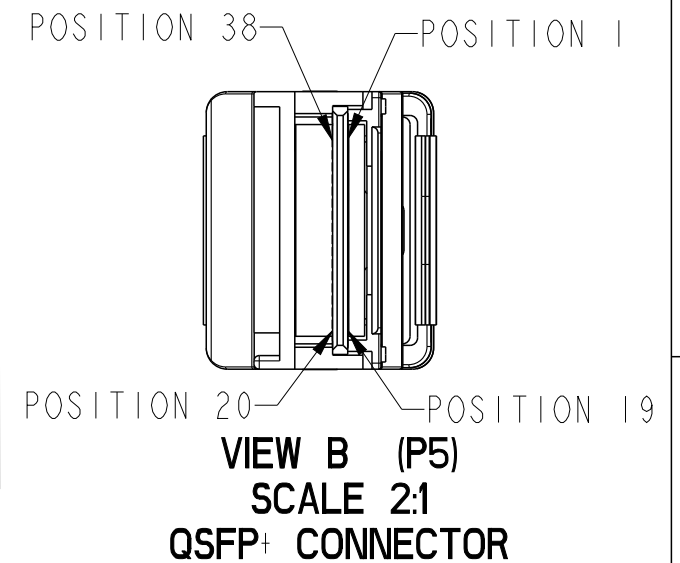
WIRING LIST (SEE NOTE 5)

P5 QSFP+			P1 (LANE 1) SFP+	P2 (LANE 2) SFP+	P3 (LANE 3) SFP+	P4 (LANE 4) SFP+
POSITION	SYMBOL					
1	GND (TX)	---				
2	TX2n	---		---	12 RD-	
3	TX2p	---		---	13 RD+	
4	GND (TX)	---				
5	TX4n	---			---	12 RD-
6	TX4p	---			---	13 RD+
7	GND (TX)	---				
13	GND (RX)	---				
14	RX3p	---			---	18 TD+
15	RX3n	---			---	19 TD-
16	GND (RX)	---				
17	RX1p	---	---	18 TD+		
18	RX1n	---	---	19 TD-		
19	GND (RX)	---				
20	GND (RX)	---				
21	RX2n	---		---	19 TD-	
22	RX2p	---		---	18 TD+	
23	GND (RX)	---				
24	RX4n	---			---	19 TD-
25	RX4p	---			---	18 TD+
26	GND (RX)	---				
32	GND (TX)	---				
33	TX3p	---			---	13 RD+
34	TX3n	---			---	12 RD-
35	GND (TX)	---				
36	TX1p	---	---	13 RD+		
37	TX1n	---	---	12 RD-		
38	GND (TX)	---				

SHIELD-----> SHIELD



VIEW A
(P1, P2, P3 & P4)
SCALE 2:1
SFP+ CONNECTORS



PRODUCT NUMBER

10114734-XXXXHFLF

10114734-XXXXLF

SEE TABLE, SHT. 3

spec ref				dr	Deborah Ingram	2010/05/04	projection	mm	size	A3	scale	3:10		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Shawn Xu	2017/05/12			ecn no	ELX-N-26978-1				
				chr	-	-								
				appr	Michael Zhou	2017/05/12			product family		C&A		rel level	Released
surface	linear	0.X	±0.3	Amphenol FCi	title	FINAL ASSEMBLY - 10Gbps/Channel (4X) SFP+ TO QSFP+ CABLE ASSEMBLY					dwg no	10114734	rev	F
		0.XX	±0.10											
		0.XXX	±0.050											
	angular	0°	±2°	cat. no.	-	Product - Customer Drw					sheet 2 of 3			

A

B

C

D

PRODUCT NUMBER	LENGTH (Meters) "DIM L"	AWG	DESCRIPTION
10114734-2005HFLF	0.5	30	HALOGEN FREE (HF)
10114734-2010HFLF	1.0	30	HALOGEN FREE (HF)
10114734-2015HFLF	1.5	30	HALOGEN FREE (HF)
10114734-2020HFLF	2.0	30	HALOGEN FREE (HF)
10114734-2030HFLF	3.0	30	HALOGEN FREE (HF)
10114734-3010HFLF	1.0	28	HALOGEN FREE (HF)
10114734-3030HFLF	3.0	28	HALOGEN FREE (HF)
10114734-3050HFLF	5.0	28	HALOGEN FREE (HF)
10114734-4050HFLF	5.0	26	HALOGEN FREE (HF)
10114734-4070HFLF	7.0	26	HALOGEN FREE (HF)
10114734-2005LF	0.5	30	NON-HF
10114734-2010LF	1.0	30	NON-HF
10114734-2020LF	2.0	30	NON-HF
10114734-2030LF	3.0	30	NON-HF
10114734-3010LF	1.0	28	NON-HF
10114734-3030LF	3.0	28	NON-HF
10114734-3050LF	5.0	28	NON-HF
10114734-4050LF	5.0	26	NON-HF
10114734-4070LF	7.0	26	NON-HF

NOTES:

- SFP+ MATERIAL:
CASTINGS: ZINC ALLOY/ COPPER UNDERPLATE/ NICKEL OVERPLATE
PULL TAB: THERMOPLASTIC POLYMER
RELEASE SPRING: STAINLESS STEEL
EMI GASKET: STAINLESS STEEL
SCREWS: STAINLESS STEEL
PADDLE CARD: PRINTED CIRCUIT SUBSTRATE
JET MELT: POLYIMIDE POLYMER
- THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2011/65/EU)
- IMPEDANCE: 100 OHMS DIFFERENTIAL.

- QSFP MATERIAL:
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

- UNLESS OTHERWISE SPECIFIED LABEL POSITION IS TO BE 50mm FROM REAR OF CONNECTOR.
LABEL DETAILS:
MANUFACTURER CODE OR NAME COUNTRY ORIGIN
FCI P/N
REVISION
DATE CODE (YY/MM/DD FORMAT) - SERIAL NUMBER
DATE CODE BAR CODE

EXAMPLE

FCI	CHINA
10114734-2005HFLF	
REV.F	
CN16139A052H0001	

CHINA
YYWW
PRESENT PRODUCT BASE NUMBER(USE"9A")
LENGTH(05 IS 0.5METER)

CN16139A052H0001
FCI SERIAL NUMBER (0001-9999)
H IS HALOGEN FREE TYPE
CABLE AWG(2 IS 30 AWG, 3 IS 28 AWG ,4 IS 26AWG)

FONT SHALL BE CLEARLY VISIBLE AND BLACK IN COLOR.

- ALL CABLE ASSEMBLIES SHALL BE 100% TESTED FOR CONTINUITY AS DEFINED IN WIRING LIST.
- SFP+ PRODUCT SPECIFICATION: GS-12-616.
QSFP+ PRODUCT SPECIFICATION: GS-12-622.

- 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.
- THIS DIMENSION IS A FINISHED PRODUCT LENGTH. THIS DIMENSION IS MEASURED FROM THE BACK OF THE QSFP+ CONNECTOR TO THE BACK OF THE SFP+ CONNECTORS WITH THE CABLES LAID OUT STRAIGHT.
- 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.
- UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE IS TO BE:
< 1 METER = $\pm 25.0\text{mm}$
> 1 METER TO 10 METERS = $\pm 2\%$ OF "DIM L"
- RAW CABLE IS OPTIONAL ,WHICH HAD BEEN QUALIFIED BY FCI AND MEET FCI SPEC GS-12-622 AND GS-12-616

spec ref				dr Deborah Ingram		2010/05/04		projection		mm		size A3		scale 3:10	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Shawn Xu		2017/05/12						ecn no ELX-N-26978-1	
chr -						-									
appr Michael Zhou						2017/05/12		product family C&A						rel level Released	
surface		linear	0.X ±0.3		Amphenol FCI		title FINAL ASSEMBLY-10Gbps/Channel		dwg no 10114734		rev F				
			0.XX ±0.10												
			0.XXX ±0.050												
		angular		0° ±2°		cat. no. -		Product - Customer Drw				sheet 3 of 3			

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[10114734-2005HFLF](#) [10114734-2005LF](#) [10114734-3010LF](#) [10114734-4070LF](#) [10114734-3050LF](#) [10114734-3030LF](#) [10114734-2030LF](#) [10114734-2010LF](#) [10114734-2020LF](#) [10114734-2020HFLF](#)