



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

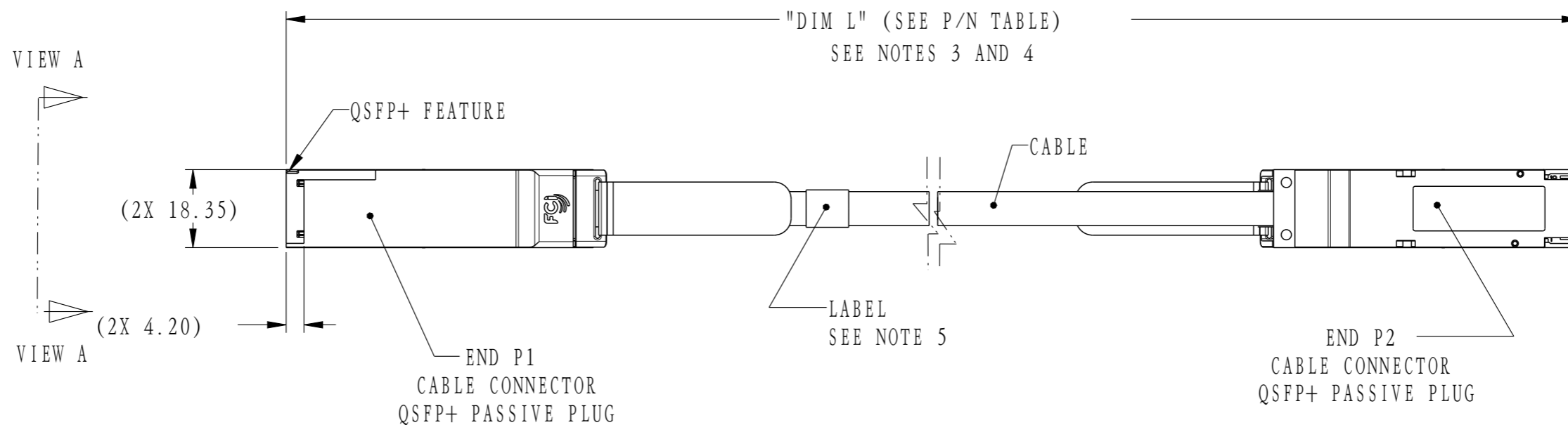
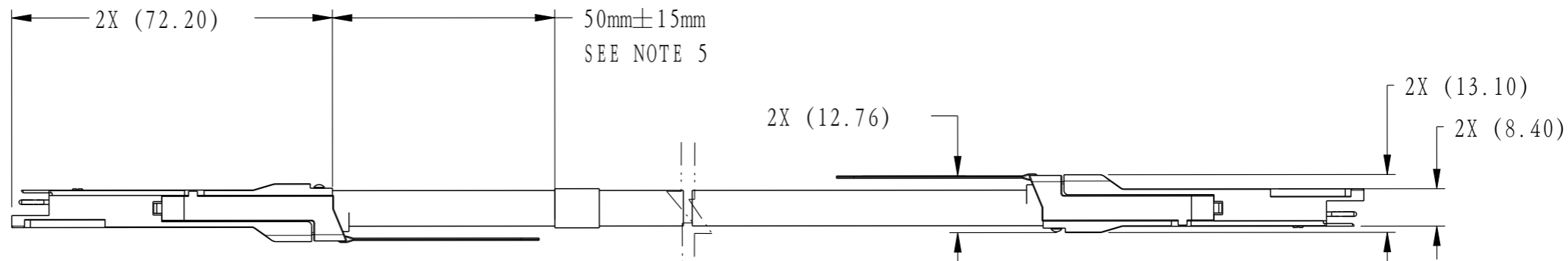
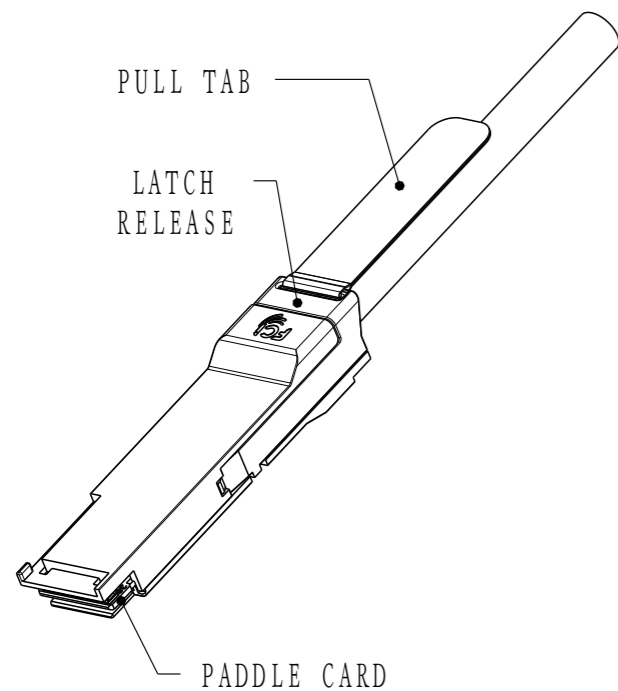
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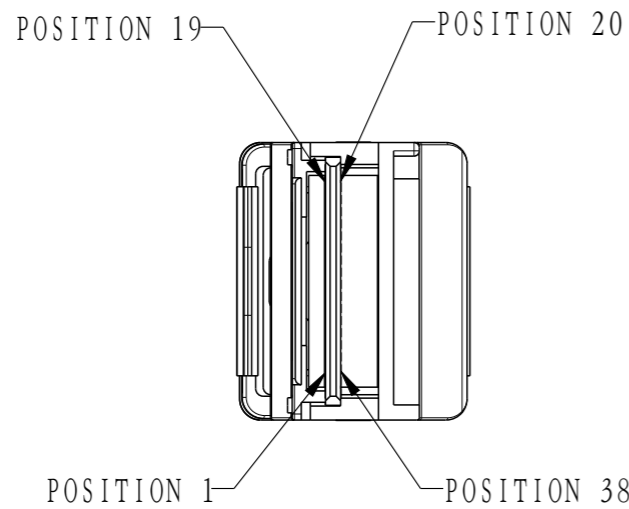
Product number	NOTES
10119239-XXXXLF	SEE SHT. 3



dr	David Lord	2011/10/11	projection 	mm 	size	A3	scale	3:10
eng	Michael Zhou	2015/08/03			ecn no	ELX-N-21592-1		
chr	-	-			rel leveCha	Released		
appr	Frank Mao	2015/08/04	product family	QSFP PLUG	rel leveCha	Released		
		title FINAL ASSEMBLY 14G QSFP+ (PASSIVE) ASSEMBLY			dwg no 10119239	rev E		
www.fci.com		cat. no.	-	Product - Customer Drw		sheet 1 of 3		



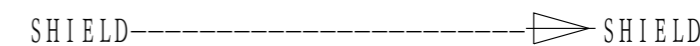
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10119239-XXXXLF	SEE SHT. 3



LOW SPEED SIGNALS P1 & P2	
POSITION	SYMBOL
8	ModSelL
9	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMode

CABLE ASSEMBLY PART NUMBERS			
PART NUMBER	"DIM L" LENGTH (METERS)	AWG	NOTES
10119239-2005LF	0.5	30	
10119239-2010LF	1.0	30	
10119239-2015LF	1.5	30	
10119239-2020LF	2.0	30	
10119239-2025LF	2.5	30	
10119239-4005LF	0.5	26	
10119239-4010LF	1.0	26	
10119239-4015LF	1.5	26	
10119239-4020LF	2.0	26	
10119239-4025LF	2.5	26	
10119239-4030LF	3.0	26	
10119239-4030HLF	3.0	26	
10119239-4035LF	3.5	26	
10119239-4040LF	4.0	26	
10119239-6030LF	3.0	25	
10119239-6040LF	4.0	25	
10119239-6050LF	5.0	25	

WIRING LIST (SEE NOTE 6)				
END P1			END P2	
POSITION	SYMBOL		POSITION	SYMBOL
1	GND (TX)	→	20	GND (RX)
2	TX2n	→	21	RX2n
3	TX2p	→	22	RX2p
4	GND (TX)	→	23	GND (RX)
5	TX4n	→	24	RX4n
6	TX4p	→	25	RX4p
7	GND (TX)	→	26	GND (RX)
13	GND (RX)	←	32	GND (TX)
14	RX3p	←	33	TX3p
15	RX3n	←	34	TX3n
16	GND (RX)	←	35	GND (TX)
17	RX1p	←	36	TX1p
18	RX1n	←	37	TX1n
19	GND (RX)	←	38	GND (TX)
20	GND (RX)	←	1	GND (TX)
21	RX2n	←	2	TX2n
22	RX2p	←	3	TX2p
23	GND (RX)	←	4	GND (TX)
24	RX4n	←	5	TX4n
25	RX4p	←	6	TX4p
26	GND (RX)	←	7	GND (TX)
32	GND (TX)	→	13	GND (RX)
33	TX3p	→	14	RX3p
34	TX3n	→	15	RX3p
35	GND (TX)	→	16	GND (RX)
36	TX1p	→	17	RX1p
37	TX1n	→	18	RX1n
38	GND (TX)	→	19	GND (RX)



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			title	FINAL ASSEMBLY		dwg no	10119239	
www.fci.com			cat. no.	-	Product - Customer Drw	sheet 2 of 3	rev	
			PDS: Rev :E		STATUS:Released		Printed: Aug 04, 2015	



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Product number	NOTES
10119239-XXXXLF	SEE SHT. 3

NOTES:

- 1- 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
  - 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"  
 "DIM L" > 10 METERS = +0.00 / -4% 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  
 SN: CNYWWQK\*\* \*#####  
 BAR CODE
- (THE FIRST \*\* PRESENT CABLE LENGTH, EG: 05--0.5M, 10--1.0M...)  
 (THE 2ND \* PRESENT CABLE WIRE GAUGE, EG: 2--30AWG, 3--28AWG, 4--26AWG, 5--24AWG, 6--25AWG...)  
 (THE 3TH \* PRESENT LF OR HF, EG: L--LEAD FREE, H--HALEGEN FREE...)  
 (THE #### PRESENT SERIAL NUMBER, EG: 0001, 0002...)
- 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 PRODUCT SPECIFICATION: GS-12-622.
  - 9 - PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING PER SPECIFICATION GS-14-920. PACKAGE CABLE ASSEMBLIES PER GS-14-1272. DUST CAPS ARE TO BE ASSEMBLED PRIOR TO PACKAGING.
  - 10 - A " Δ 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 - PRODUCT CAPABILITY MATRIX SHOWS THE MINIMUM RECOMMENDED CABLE GAUGE PER LENGTH TO MEET THE PERFORMANCE LEVEL OF EACH INDUSTRY STANDARD.
  - 12 - RAW CABLE IS OPTIONAL WHICH HAD BEEN QUALIFIED BY FCI AND MEET INDUSTRIAL SPEC AND FCI PRODUCT SPECIFICATION.

PRODUCT CAPABILITY MATRIX (SEE NOTE 11)										
PERFORMANCE LEVEL	CABLE LENGTH / AWG									
	1M	2M	3M	4M	5M	6M	7M	8M	9M	10M
Infiniband - FDR	30	30	26	26	25					
Infiniband - QDR	30	30	30	28	26	24				
Infiniband - DDR	30	30	30	28	28	26	26	24	24	24
Infiniband - SDR	30	30	30	28	28	26	26	24	24	24
IEEE - 802.3ba	30	30	30	TBD	TBD	TBD	TBD	TBD	TBD	TBD



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