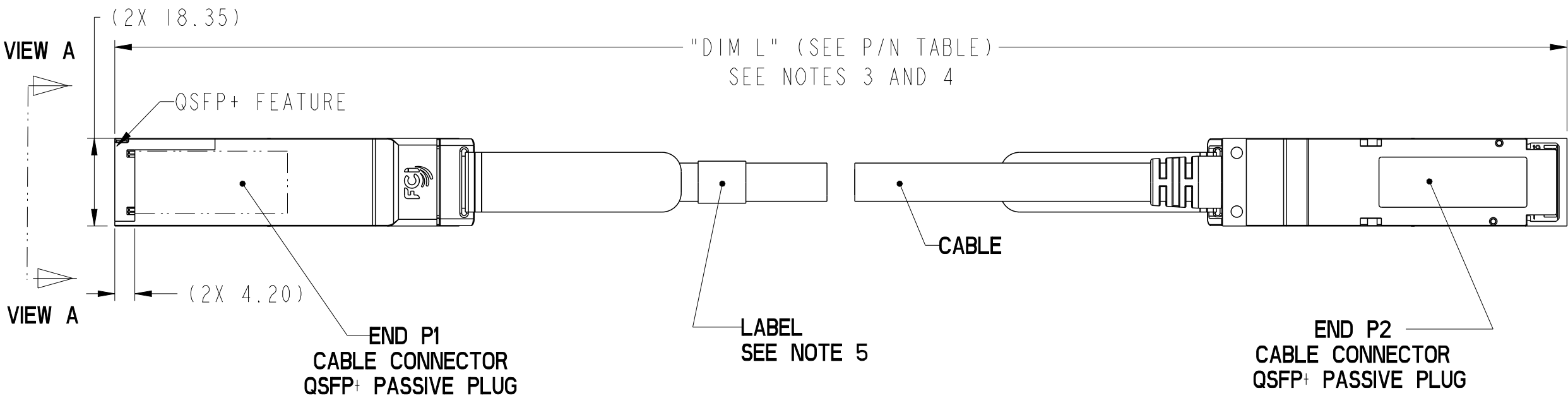
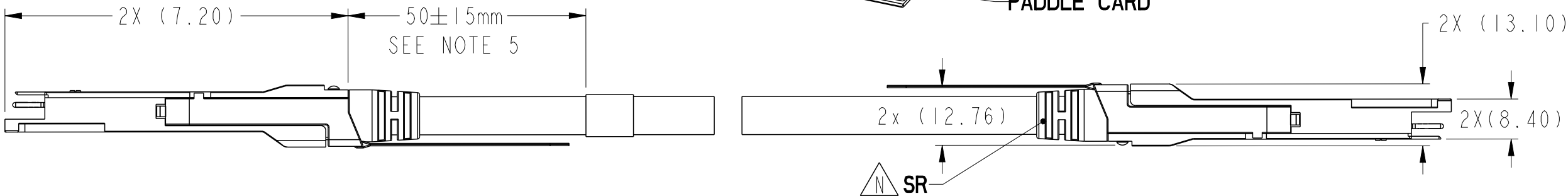
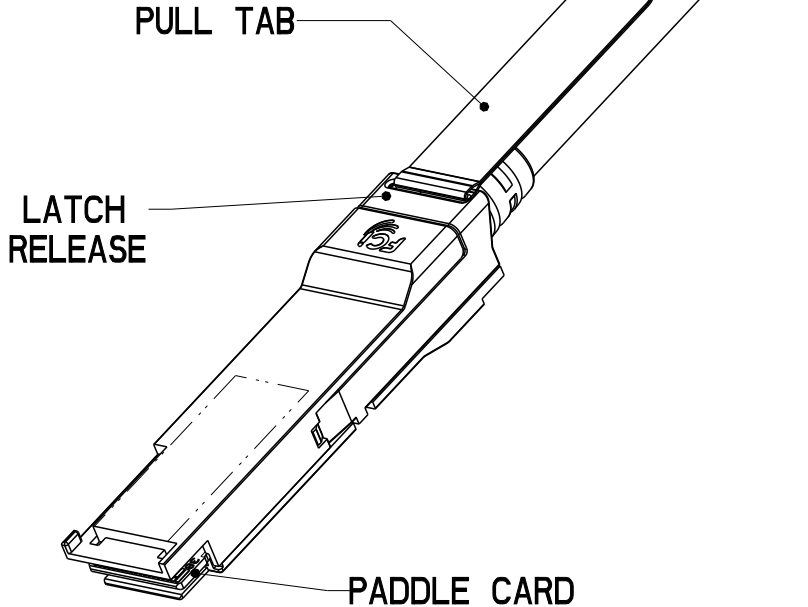
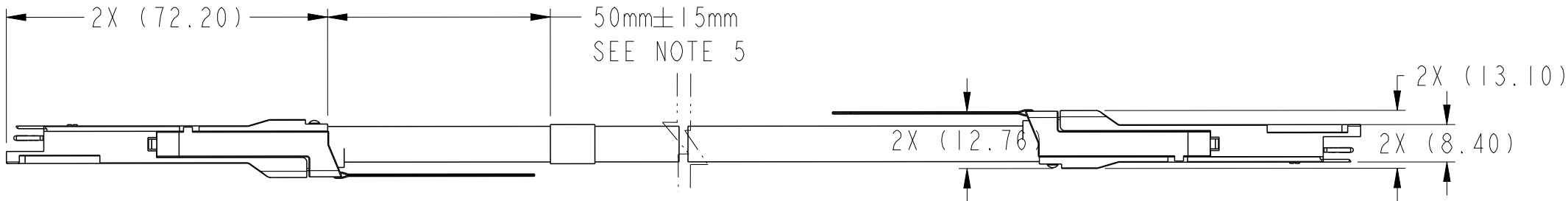
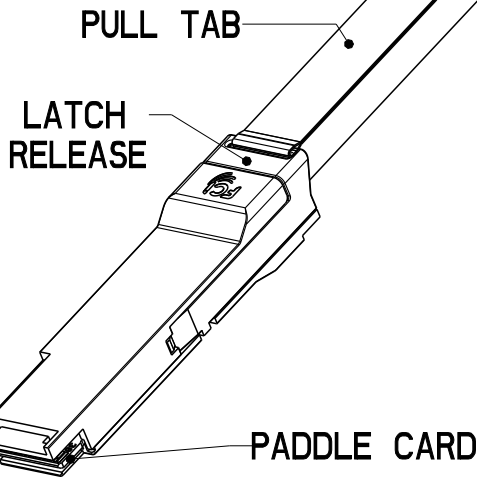


PRODUCT NUMBER	DESCRIPTION	NOTES
10093084-20XXLF	NON-HF	SEE SHT. 4
10093084-20XXHFLF	HALOGEN FREE (HF)	SEE SHT. 5
10093084-30XXLF	NON-HF	SEE SHT. 4
10093084-30XXHFLF	HALOGEN FREE (HF)	SEE SHT. 5

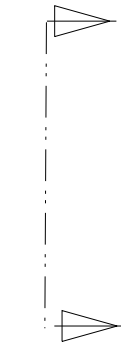


spec ref				dr		Deborah Ingram		2009/07/20		projection		mm		size		A3		scale		3:10									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Shawn Xu		2015/10/25						ecn no		ELX-N-22246-1											
						chr		-		-						rel level		Released											
						appr		Frank Mao		2015/10/25						product family		QSFP PLUG											
surface		linear		0.X		±0.3				title		FINAL ASSEMBLY						dwg no		10093084						rev		N	
				0.XX		±0.10																							
				0.XXX		±0.050																							
		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw						sheet 1 of 6									

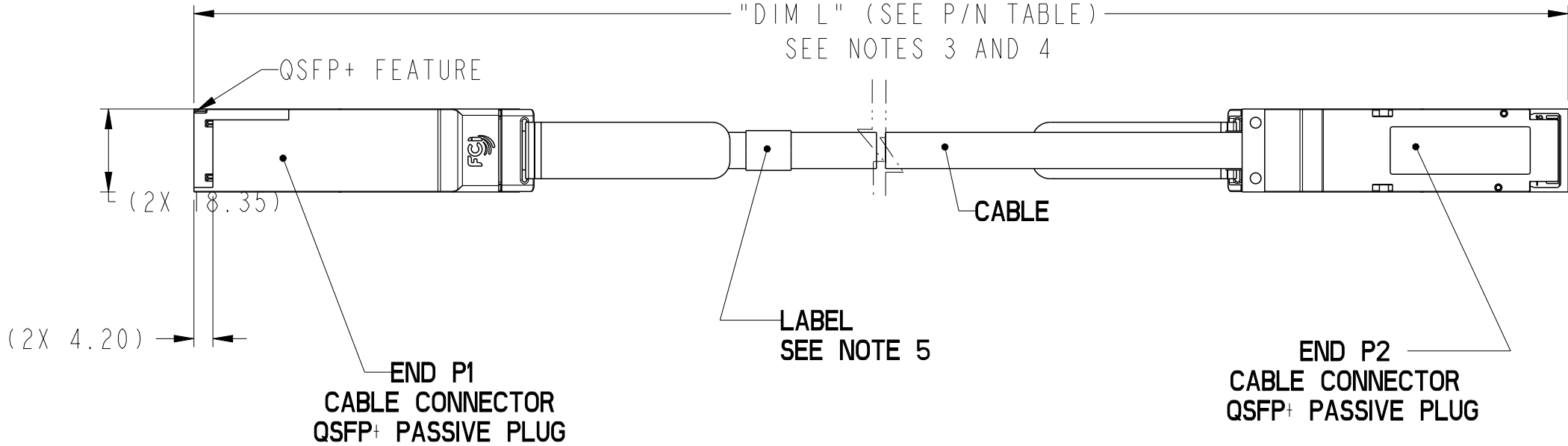
PRODUCT NUMBER	DESCRIPTION	NOTES
10093084-10XXLF	NON-HF	SEE SHT. 4
10093084-10XXHFLF	HALOGEN FREE (HF)	SEE SHT. 5
10093084-40XXLF	NON-HF	SEE SHT. 4
10093084-40XXHFLF	HALOGEN FREE (HF)	SEE SHT. 5
10093084-50XXLF	NON-HF	SEE SHT. 4
10093084-50XXHFLF	HALOGEN FREE (HF)	SEE SHT. 5



VIEW A



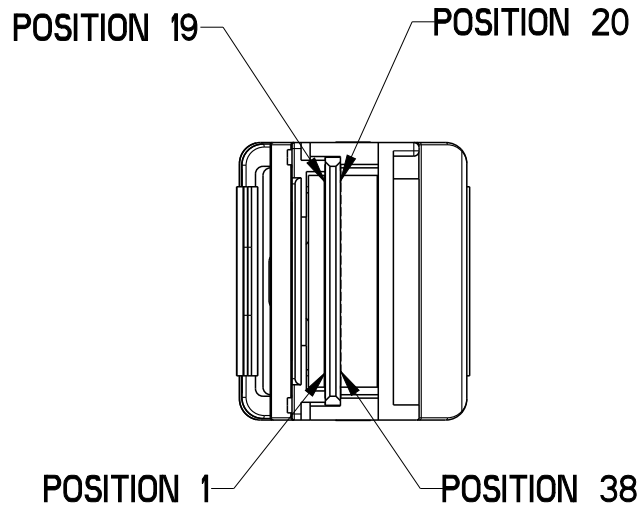
VIEW A



spec ref				dr		Deborah Ingram		2009/07/20		projection		mm		size		A3		scale		1:2	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Shawn Xu		2015/10/25						ecn no		ELX-N-22246-1			
chr						-		-													
appr						Frank Mao		2015/10/25		product family											
surface 						linear		0.X		±0.3				title		FINAL ASSEMBLY		dwg no		10093084	
		0.XX		±0.10																	
		0.XXX		±0.050																	
		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 6					



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LOW SPEED SIGNALS
P1 & P2

POSITION	SYMBOL
8	ModSeLL
9	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	VccI
31	LPMode

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)

SHIELD-----SHIELD



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spec ref				dr		Deborah Ingram		2009/07/20		projection		mm		size		A3		scale		3:10									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Shawn Xu		2015/10/25						ecn no		ELX-N-22246-1											
						chr		-		-																			
						appr		Frank Mao		2015/10/25		product family						QSFP PLUG						rel level		Released			
surface		linear		0.X		±0.3				title		FINAL ASSEMBLY						dwg no		10093084						rev		N	
				0.XX		±0.10																							
				0.XXX		±0.050																							
		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw						sheet 3 of 6									



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NON-HALOGEN FREE CABLE ASSEMBLY PART NUMBERS

PART NUMBER	"DIM L" LENGTH (Meters)	AWG	NOTES
10093084-1005LF	0.5	32	NOTE 12
10093084-1010LF	1.0	32	
10093084-2005LF	0.5	30	NOTE 12
10093084-200ALF	0.75	30	
10093084-2010LF	1.0	30	
10093084-2015LF	1.5	30	
10093084-2020LF	2.0	30	
10093084-2025LF	2.5	30	
10093084-2030LF	3.0	30	
10093084-2050LF	5.0	30	
10093084-2070LF	7.0	30	
10093084-3005LF	0.5	28	NOTE 12
10093084-3010LF	1.0	28	
10093084-3015LF	1.5	28	
10093084-3020LF	2.0	28	
10093084-3025LF	2.5	28	
10093084-3030LF	3.0	28	
10093084-3035LF	3.5	28	
10093084-3040LF	4.0	28	
10093084-3045LF	4.5	28	
10093084-3050LF	5.0	28	
10093084-3070LF	7.0	28	
10093084-4005LF	0.5	26	NOTE 12
10093084-4010LF	1.0	26	
10093084-4015LF	1.5	26	
10093084-4020LF	2.0	26	
10093084-4025LF	2.5	26	
10093084-4030LF	3.0	26	
10093084-4035LF	3.5	26	
10093084-4040LF	4.0	26	
10093084-4045LF	4.5	26	
10093084-4050LF	5.0	26	
10093084-4055LF	5.5	26	
10093084-4060LF	6.0	26	
10093084-4065LF	6.5	26	
10093084-4070LF	7.0	26	

PART NUMBER	"DIM L" LENGTH (Meters)	AWG	NOTES
10093084-5005LF	0.5	24	NOTE 12
10093084-5010LF	1.0	24	
10093084-5015LF	1.5	24	
10093084-5020LF	2.0	24	
10093084-5025LF	2.5	24	
10093084-5030LF	3.0	24	
10093084-5035LF	3.5	24	
10093084-5040LF	4.0	24	
10093084-5045LF	4.5	24	
10093084-5050LF	5.0	24	
10093084-5055LF	5.5	24	
10093084-5060LF	6.0	24	
10093084-5065LF	6.5	24	
10093084-5070LF	7.0	24	
10093084-5075LF	7.5	24	
10093084-5080LF	8.0	24	
10093084-5085LF	8.5	24	
10093084-5090LF	9.0	24	
10093084-5095LF	9.5	24	
10093084-5100LF	10.0	24	

spec ref				dr Deborah Ingram		2009/07/20		projection		mm		size A3		scale 1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Shawn Xu		2015/10/25						ecn no ELX-N-22246-1			
				chr -		-									
				appr Frank Mao		2015/10/25						product family QSFP PLUG rel level Released			
surface	linear	0.X ±0.3				title FINAL ASSEMBLY QSFP+ (PASSIVE) ASSEMBLY				dwg no 10093084		rev N			
		0.XX ±0.10													
		0.XXX ±0.050													
	angular	0° ±2°°		www.fci.com		cat. no. -		Product - Customer Drw				sheet 4 of 6			



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PART NUMBER	"DIM L" LENGTH (Meters)	AWG	NOTES
10093084-1005HFLF	0.5	32	NOTE 11
10093084-1010HFLF	1.0	32	
10093084-2005HFLF	0.5	30	NOTE 11
10093084-200AHFLF	0.75	30	
10093084-2010HFLF	1.0	30	
10093084-2015HFLF	1.5	30	
10093084-2020HFLF	2.0	30	
10093084-2025HFLF	2.5	30	
10093084-2030HFLF	3.0	30	
10093084-2050HFLF	5.0	30	
10093084-2070HFLF	7.0	30	
10093084-3005HFLF	0.5	28	NOTE 11
10093084-3010HFLF	1.0	28	
10093084-3015HFLF	1.5	28	
10093084-3020HFLF	2.0	28	
10093084-3025HFLF	2.5	28	
10093084-3030HFLF	3.0	28	
10093084-3035HFLF	3.5	28	
10093084-3040HFLF	4.0	28	
10093084-3045HFLF	4.5	28	
10093084-3050HFLF	5.0	28	
10093084-3070HFLF	7.0	28	
10093084-4005HFLF	0.5	26	NOTE 11
10093084-4010HFLF	1.0	26	
10093084-4015HFLF	1.5	26	
10093084-4020HFLF	2.0	26	
10093084-4025HFLF	2.5	26	
10093084-4030HFLF	3.0	26	
10093084-4035HFLF	3.5	26	
10093084-4040HFLF	4.0	26	
10093084-4045HFLF	4.5	26	
10093084-4050HFLF	5.0	26	
10093084-4055HFLF	5.5	26	
10093084-4060HFLF	6.0	26	
10093084-4065HFLF	6.5	26	
10093084-4070HFLF	7.0	26	

HALOGEN FREE CABLE ASSEMBLY PART NUMBERS

spec ref				dr		Deborah Ingram		2009/07/20		projection		mm		size		A3		scale		3:10																	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Shawn Xu		2015/10/25						ecn no		ELX-N-22246-1																			
						chr		-		-																											
						appr		Frank Mao		2015/10/25														product family										QSFP PLUG			
surface		linear		0.X		±0.3				title		FINAL ASSEMBLY										dwg no		10093084										rev		N	
				0.XX		±0.10																															
				0.XXX		±0.050																															
		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw										sheet 5 of 6													

1

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3

4

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B

C

D

NOTES:

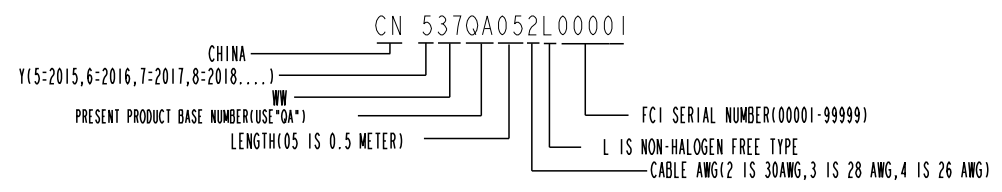
- ① - MATERIAL:
CASTINGS: ZINC ALLOY/ COPPER UNDERPLATE/ NICKEL OVERPLATE
PULL TAB: THERMOPLASTIC POLYMER
LATCH RELEASE: ZINC DIECAST, NICKEL OVERPLATE
DRIVE SCREWS: STAINLESS STEEL
STRAIN RELIEF COLLAR: BRASS
SPRING: STAINLESS STEEL
PADDLE CARD: PRINTED CIRCUIT SUBSTRATE
- 2 - THIS PRODUCT MEETS THE 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"

LABEL DETAILS:
MANUFACTURER CODE OR NAME COUNTRY ORIGIN
CUSTOMER P/N OR FCI P/N
REVISION
DATE CODE (Y/WW FORMAT) - SERIAL NUMBER
2D BAR CODE OF SERIAL NUMBER

FCI CHINA
10093084-2005LF
REV. N
CN537QA052L00001

CHINA
Y(5=2015,6=2016,7=2017,8=2018,...)
WW
PRESENT PRODUCT BASE NUMBER(USE "0A")
LENGTH(05 IS 0.5 METER)

FCI SERIAL NUMBER(00001-99999)
L IS NON-HALOGEN FREE TYPE
CABLE AWG(2 IS 30AWG,3 IS 28 AWG,4 IS 26 AWG)



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 "△" 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. "HF" PRODUCT NUMBERS DESIGNATE THE USE OF HALOGEN FREE RAW CABLE.
- ⑫. HALOGEN FREE RAW CABLE CAN BE USED AS A SUBSTITUTE ON NON-HF PRODUCT NUMBERS.
- 13. LONGER LENGTH APPLICATIONS REQUIRE HOST SYSTEM PREMPHASIS AND/OR EQUALIZATION.
- 14. PRODUCT CAPABILITY MATRIX SHOWS THE MINIMUM RECOMMENDED CABLE GAUGE PER LENGTH TO MEET THE PERFORMANCE LEVEL OF EACH INDUSTRY STANDARD.
- 15. RAW CABLE IS OPTIONAL WHICH HAD BEEN QUALIFIED BY FCI AND MEET FCI PRODUCT SPEC GS-12-622

PRODUCT CAPABILITY MATRIX (SEE NOTE 14)

	CABLE LENGTH / AWG									
PERFORMANCE LEVEL	1M	2M	3M	4M	5M	6M	7M	8M	9M	10M
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



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spec ref	dr	Deborah Ingram	2009/07/20	projection	mm	size	A3	scale	3:10
tolerance std	eng	Shawn Xu	2015/10/25			ecn no	ELX-N-22246-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-						
	appr	Frank Mao	2015/10/25						
surface	linear	0.X	±0.3		FINAL ASSEMBLY QSFP+ (PASSIVE) ASSEMBLY	dwg no	10093084	rev	N
		0.XX	±0.10						
		0.XXX	±0.050						
	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 6 of 6	

Mouser Electronics

Authorized Distributor

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

[FCI / Amphenol:](#)

10093084-1010LF	10093084-2005LF	10093084-2010LF	10093084-2015LF	10093084-2020LF	10093084-2025LF
10093084-2030LF	10093084-3005LF	10093084-3010LF	10093084-3015LF	10093084-3020LF	10093084-3025LF
10093084-3030LF	10093084-3035LF	10093084-3040LF	10093084-3045LF	10093084-3050LF	10093084-4005LF
10093084-4010LF	10093084-4015LF	10093084-4020LF	10093084-4025LF	10093084-4030LF	10093084-4035LF
10093084-4040LF	10093084-4045LF	10093084-4050LF	10093084-4055LF	10093084-4060LF	10093084-4065LF
10093084-5005LF	10093084-5010LF	10093084-5015LF	10093084-5020LF	10093084-5025LF	10093084-5030LF
10093084-5035LF	10093084-5040LF	10093084-5045LF	10093084-5050LF	10093084-5055LF	10093084-5060LF
10093084-5065LF	10093084-5070LF	10093084-5075LF	10093084-5080LF	10093084-5085LF	10093084-5090LF
10093084-5095LF	10093084-5100LF	10093084-1005HFLF	10093084-2005HFLF	10093084-2010HFLF	10093084-
2015HFLF	10093084-2020HFLF	10093084-2025HFLF	10093084-2030HFLF	10093084-3005HFLF	10093084-
3010HFLF	10093084-3015HFLF	10093084-3020HFLF	10093084-3025HFLF	10093084-3030HFLF	10093084-
3035HFLF	10093084-3040HFLF	10093084-3045HFLF	10093084-3050HFLF	10093084-4005HFLF	10093084-
4010HFLF	10093084-4015HFLF	10093084-4020HFLF	10093084-4025HFLF	10093084-4030HFLF	10093084-
4035HFLF	10093084-4040HFLF	10093084-4045HFLF	10093084-4050HFLF	10093084-4055HFLF	10093084-
4060HFLF	10093084-4065HFLF	10093084-4070HFLF	10093084-5005HFLF	10093084-5010HFLF	10093084-
5015HFLF	10093084-5020HFLF	10093084-5025HFLF	10093084-5030HFLF	10093084-5035HFLF	10093084-
5040HFLF	10093084-5045HFLF	10093084-5050HFLF	10093084-5055HFLF	10093084-5060HFLF	10093084-
5065HFLF	10093084-5070HFLF	10093084-5075HFLF	10093084-5080HFLF	10093084-5085HFLF	10093084-
5090HFLF	10093084-5095HFLF				