

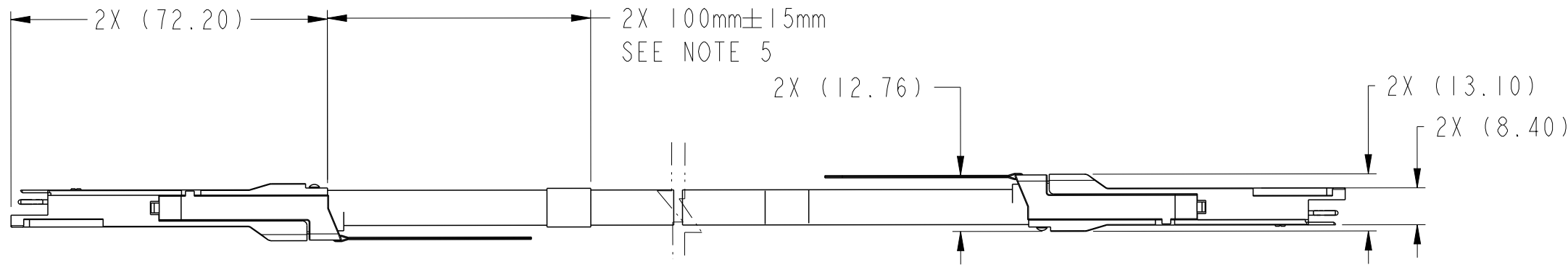
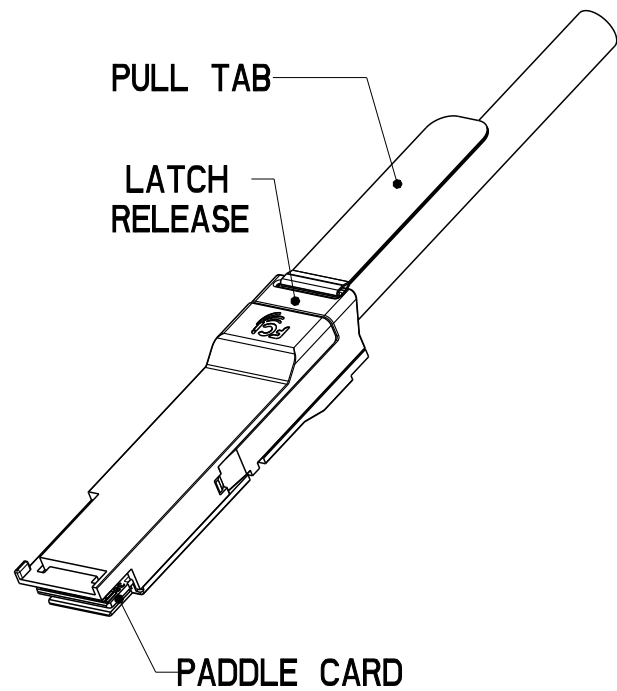
A

B

C

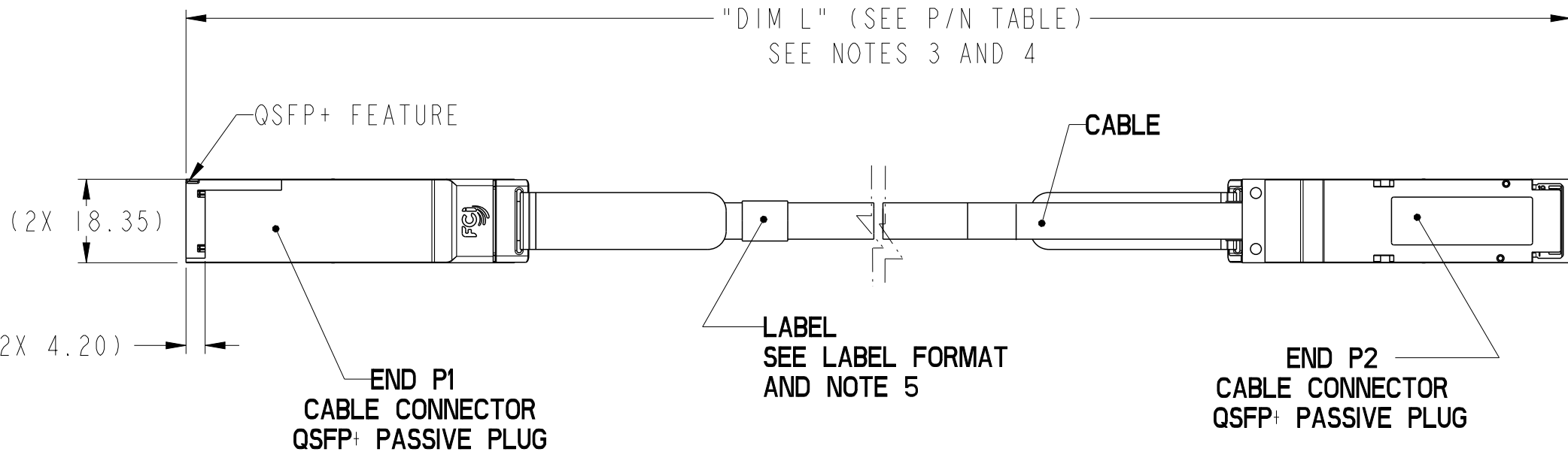
D

PRODUCT NUMBER	DESCRIPTION	"DIM L"	NOTE
10137498-2005LF	NON-HF 30AWG	0.5 m ± 25 mm	SINGLE PACK
10137498-2010LF	NON-HF 30AWG	1.0 m ± 50 mm	SINGLE PACK
10137498-4030LF	NON-HF 26AWG	3.0 m ± 75 mm	SINGLE PACK
10137498-4050LF	NON-HF 26AWG	5.0 m ± 100 mm	SINGLE PACK



VIEW A

VIEW A



spec ref				dr		Shawn Xu	2015/11/12		projection		mm		size		A3	scale		3:10	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Shawn Xu	2017/01/16						ecn no				-
						chr		-	rel level						Released				
						appr		Michael Zhou	2017/01/16						product family				QSFP PLUG
<div>surface</div> <div></div>		linear	0.X		±0.3		Amphenol FCI		title		FINAL ASSEMBLY		dwg no		10137498		rev		A
			0.XX		±0.10														
			0.XXX		±0.050														
		angular		0°		±2°		www.fci.com		cat. no.		-	Product - Customer Drw				sheet 1 of 6		

A

B

C

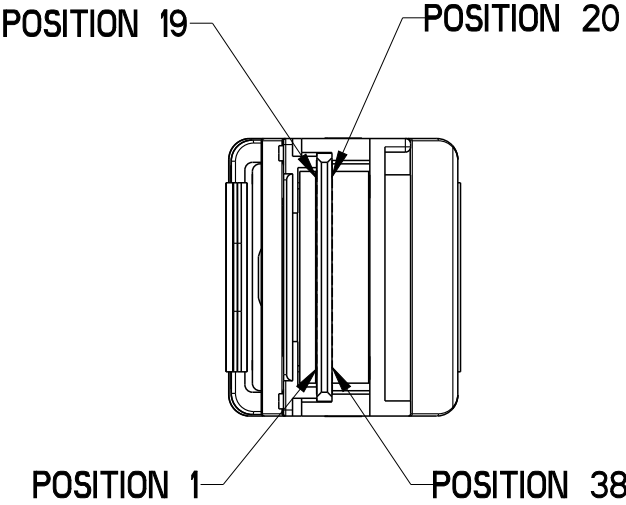
D

A

B

C

D



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

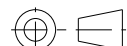



spec ref				dr		Shawn Xu		2015/11/12		projection		mm		size		A3		scale		3:10									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Shawn Xu		2017/01/16						ecn no -													
						chr		-																					
						appr		Michael Zhou		2017/01/16						product family						QSFP PLUG						rel level	
surface		linear		0.X		±0.3		Amphenol FCI		title		FINAL ASSEMBLY						dwg no		10137498						rev		A	
				0.XX		±0.10																							
				0.XXX		±0.050																							
		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw						sheet 2 of 6									

TABLE 1 - CABLE INFORMATION

P/N	10137498-2005LF	10137498-2010LF	10137498-4030LF	10137498-4050LF
Description	HPE 100G QSFP28 to QSFP28 0.5m DAC	HPE 100G QSFP28 to QSFP28 1m DAC	HPE 100G QSFP28 to QSFP28 3m DAC	HPE 100G QSFP28 to QSFP28 5m DAC
HP Option Kit P/N	845402-B21	845404-B21	845406-B21	845408-B21
HP Bulk P/N	845401-001	845403-001	845405-001	845407-001
Encryption	HPIDv1	HPIDv1	HPIDv1	HPIDv1
HP Spare P/N	850392-001	849434-001	850393-001	850394-001
UPC	190017016573	190017016580	190017016597	190017016603
JAN	4514953987319	4514953987326	4514953987333	4514953987340

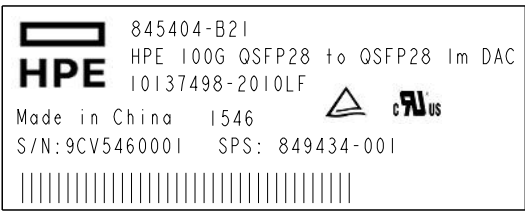
TABLE 2 - PACKAGE INFORMATION

Single or Bulk Pack	Warranty Card	Install Card	Packaging Scheme
Single	703828-026	777611-003	Cable->ESD Bag+doc.s-> Option Kit Box->Shipping Box

spec ref				dr Shawn Xu 2015/11/12					size A3		scale 3:10	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Shawn Xu 2017/01/16					ecn no -			
				chr - -					rel level Released			
				appr Michael Zhou 2017/01/16								
product family							QSFP PLUG					
	linear	0.X ±0.3			title FINAL ASSEMBLY				dwg no 10137498		rev A	
		0.XX ±0.10										
		0.XXX ±0.050			4X28G QSFP+ (PASSIVE) ASSEMBLY							
	angular	0° ±2°		www.fci.com		cat. no. -		Product - Customer Drw			sheet 3 of 6	

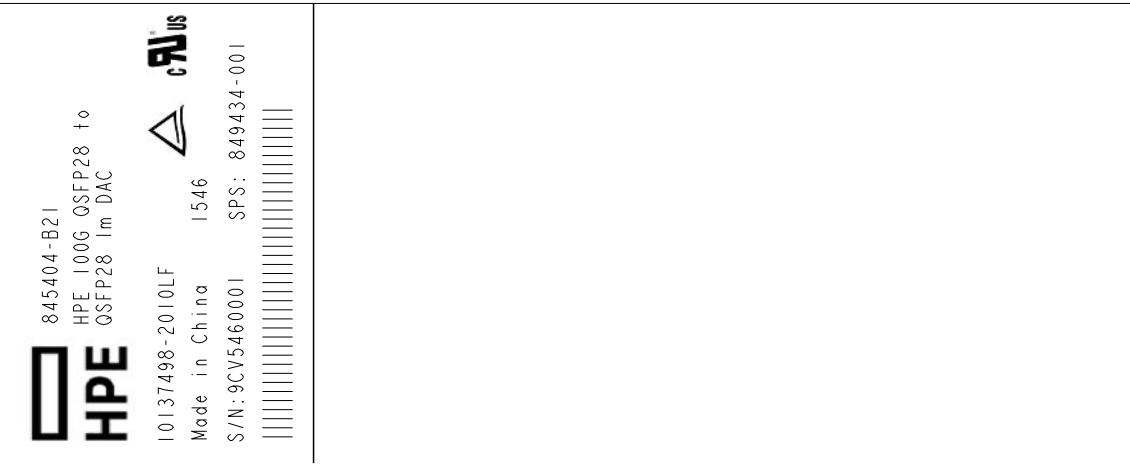
LABEL FORMAT (10137498-2010LF AS SAMPLE)

1: MODULE LABEL(25mm*13mm)



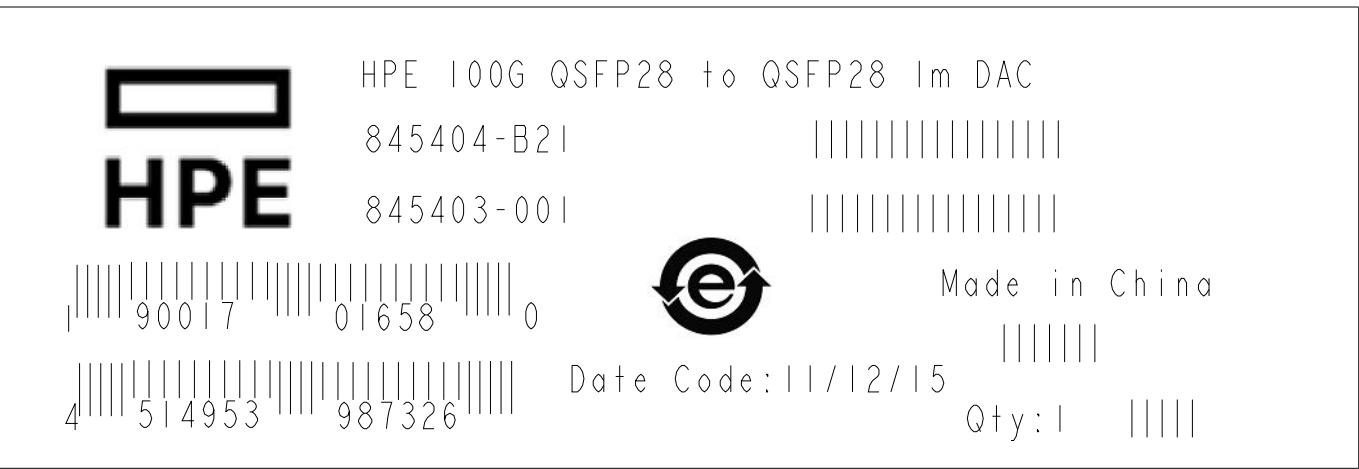
NOTES FOR CABLE LABEL:
1:LABEL MUST BE PASTED ON THE MODULE.
2:THIS BARCODE IS FOR SUPPLIER S/N,READ:9CV5460001
3:BARCODE SHOULD BE 39 CODE.
4:SPS FOLLOE TABLE 1.

2: CABLE LABEL(60mm*30mm)



NOTES FOR CABLE LABEL:
1:LABEL MUST BE PASTED FLAT AROUND THE CABLE.
2:THIS BARCODE IS FOR SUPPLIER S/N,READ:9CV5460001
3:BARCODE SHOULD BE 39 CODE.
4:SPS FOLLOE TABLE 1.

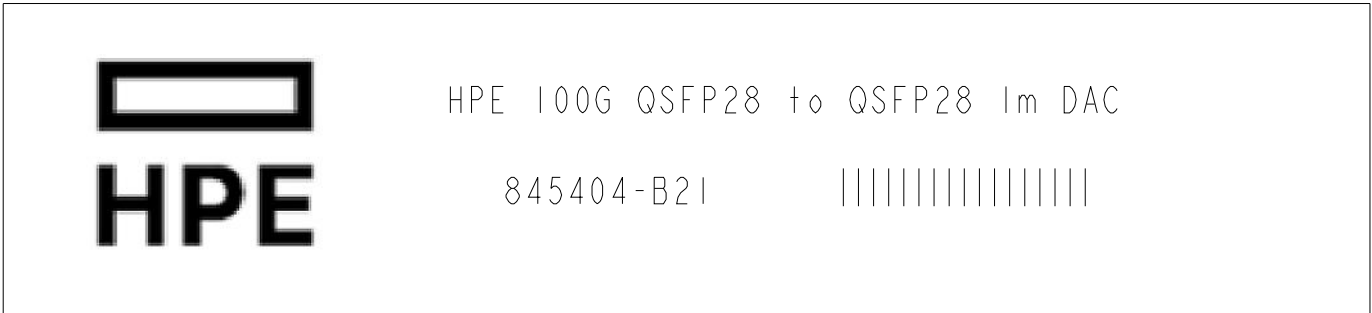
3:ESD BAG LABEL AND OPTION BOX LABEL IS THE SAME(75mm*55mm)



NOTES FOR ESD BAG LABEL:
1:845404-B21 IS THE HP OPTION KIT P/N,THE BARCODE IS THE ONE ON THE RIGHT OF IT.
2:845403-001 IS THE HP BULK P/N,THE BARCODE IS THE ONE ON THE RIGHT OF IT.
3:THE BARCODE ON LEFT CORNER IS UPC CODE AND JAN CODE.
4:THE BARCODE UNDER "MADE IN CHINA "READ:CN
5:THE BARCODE FOR QTY READ: 01.
6:EXCEPT UPC AND JAN CODE,OTHERS ARE 39 CODE.

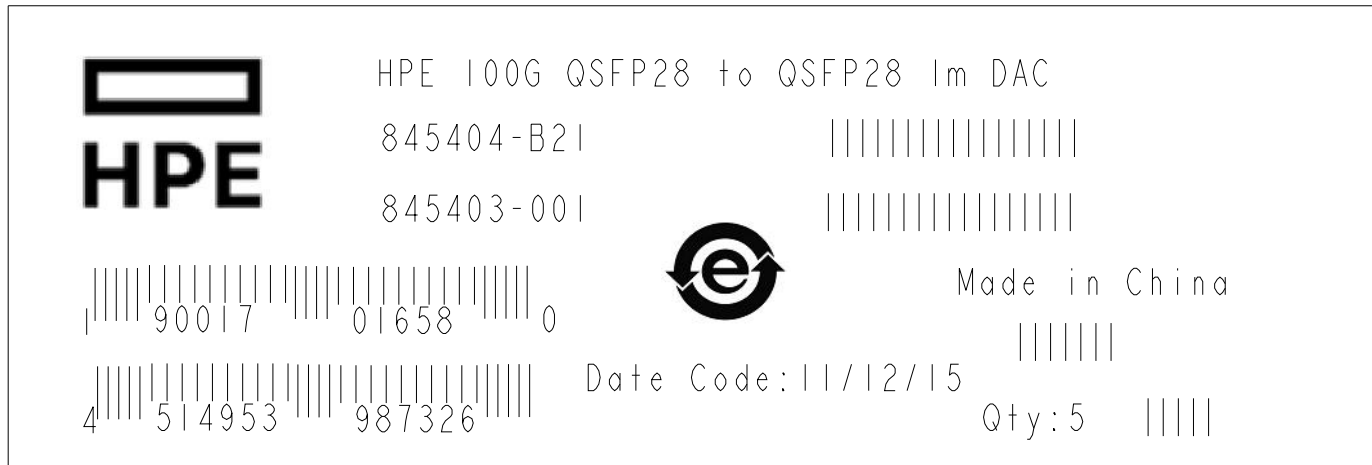
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Shawn Xu	2017/01/16						ecn no -					
chr						-		-												
appr						Michael Zhou		2017/01/16		product family		QSFP PLUG		rel level				Released		
surface		linear		0.X		±0.3		Amphenol FCI		title		FINAL ASSEMBLY		dwg no		10137498		rev		A
				0.XX		±0.10														
				0.XXX		±0.050														
		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw				sheet 4 of 6		

4: BOX SIDE LABEL (75mm*15mm)

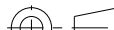
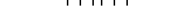




NOTES FOR BOX SIDE LABEL:
1: THIS BARCODE IS OPTION KIT P/N, READ: 845404-B21.
2: BARCODE SHOULD BE 39 CODE.

5: CARTON LABEL (75mm*55mm)

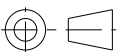




NOTES FOR CARTON LABEL:
1: 845404-B21 IS THE HP OPTION KIT P/N, THE BARCODE IS THE ONE ON THE RIGHT OF IT.
2: 845403-001 IS THE HP BULK P/N, THE BARCODE IS THE ONE ON THE RIGHT OF IT.
3: THE BARCODE ON LEFT CORNER IS UPC CODE AND JAN CODE.
4: THE BARCODE UNDER "MADE IN CHINA" READ: CN
5: THE BARCODE FOR QTY READ: 5.
6: EXCEPT UPC AND JAN CODE, OTHERS ARE 39 CODE.

spec ref				dr		Shawn Xu	2015/11/12		projection		mm		size		A3	scale		3:10					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Shawn Xu	2017/01/16						ecn no				-				
						chr		-	-														
						appr		Michael Zhou	2017/01/16						product family				QSFP PLUG	rel level		Released	
surface 		linear		0.X	±0.3				title		FINAL ASSEMBLY						dwg no		10137498		rev		A
				0.XX	±0.10																		
				0.XXX	±0.050																		
		angular		0°	±2°		www.fci.com		cat. no.		-	Product - Customer Drw						sheet 5 of 6					

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 (2011/65/EU)
- ③. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
- ④- UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE IS TO BE:
"DIM L" < 1 METER = $\pm 25\text{mm}$
"DIM L" = 1 METER TO 10 METERS = $\pm 2\%$ 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.
S/N DETAILS:
CCSYWWZZZZ
CC = 9C
S = V
Y = year of mfg (ex: 2015 = 5, 2016 =6, 2017 = 7, etc.)
WW = week of manufacture (assigned by site)
ZZZZ =0001-0009 sequentially incremented characters (assigned by site)
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 LATEST 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 " \triangle " 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. EEPROM INFORMATION REFERS TO: QSFP+ HPID OEMID encryption algorithm guide Rev1.5 20Feb2015

spec ref				dr		Shawn Xu	2015/11/12		projection		mm		size		A3	scale		s c3a:1le0: 5		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Shawn Xu		2017/01/16				ecn no							-	
				chr		-		-												
				appr		Michael Zhou		2017/01/16				product family					QSFP PLUG		rel level	
surface 	linear	0.X		±0.3		Amphenol FCi	title	FINAL ASSEMBLY 4X28G QSFP+ (PASSIVE) ASSEMBLY					dwg no	10137498					rev	A
		0.XX		±0.10																
		0.XXX		±0.050																
		angular	0°		±2°		www.fci.com	cat. no.	-					Product - Customer Drw					sheet 6 of 6	