

END P1
CABLE CONNECTOR
CXP (PASSIVE) PLUG

END P2
CABLE CONNECTOR
CXP (PASSIVE) PLUG

VIEW A

VIEW A

2X(9.81)
2X14.60 MAX
2X16.21 MAX

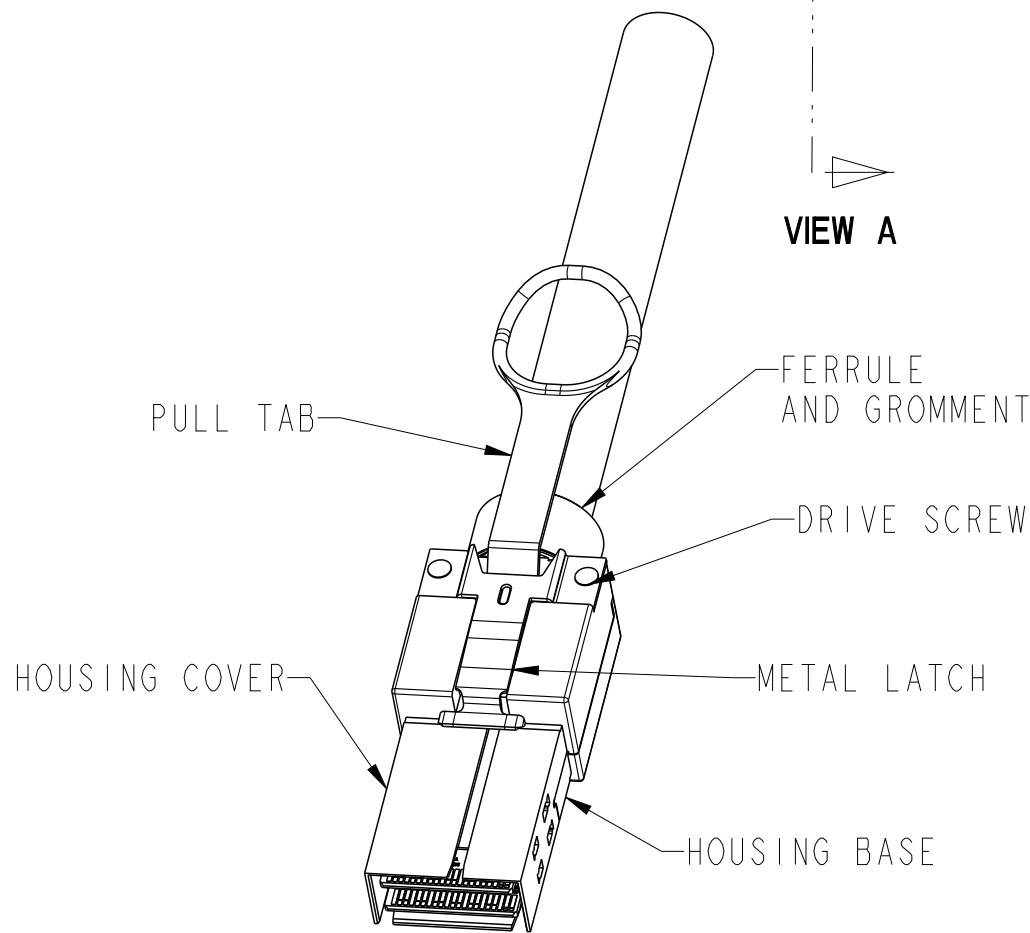
2X28.45±0.13

CABLE

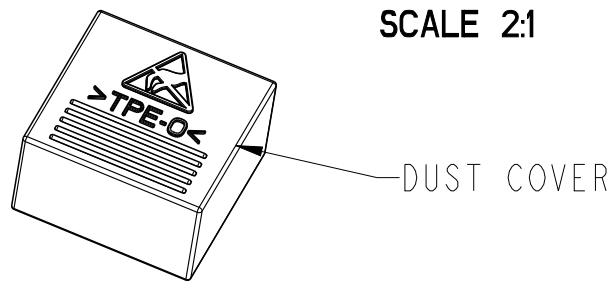
55±5mm
HEAT SHRINK

100±15mm

LABEL
SEE NOTES 5



P1
ISOMETRIC VIEW
SCALE 2:1

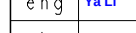


spec ref	-	dr	Deborah Ingram	2011/04/15	projection	MM	size	A2	scale	1:2
tolerance std	ASME Y14.5	eng	Ya Li	2015/08/05	chr	-	ecn no	ELX-N-21586-1	rel level	Released
surface	✓	appr	Frank Mao	2015/08/05	product family	-	cat. no.	-	Product - Customer Drw	sheet 1 of 3
linear	0.X ±Y 0.XX ±Y 0.XXX ±Y	title	FINAL ASSEMBLY - STANDARD CXP PASSIVE CABLE ASSEMBLY				dwg no	10116951	rev	C
angular	0° ±Y°	www.fci.com	PDS: Rev :C				STATUS:Released		Printed: Aug 05, 2015	



P1				P2			
PIN	F	SIGNAL	TYPE		PIN	F	SIGNAL
C1	L	GND	C	C	A1	L	GND
C2	S	Rx1p			A2	S	Tx1p
C3	S	Rx1n			A3	S	Tx1n
C4	L	GND	C	C	A4	L	GND
C5	S	Rx3p			A5	S	Tx3p
C6	S	Rx3n			A6	S	Tx3n
C7	L	GND	C	C	A7	L	GND
C8	S	Rx5p			A8	S	Tx5p
C9	S	Rx5n			A9	S	Tx5n
C10	L	GND	C	C	A10	L	GND
C11	S	Rx7p			A11	S	Tx7p
C12	S	Rx7n			A12	S	Tx7n
C13	L	GND	C	C	A13	L	GND
C14	S	Rx9p			A14	S	Tx9p
C15	S	Rx9n			A15	S	Tx9n
C16	L	GND	C	C	A16	L	GND
C17	S	Rx11p			A17	S	Tx11p
C18	S	Rx11n			A18	S	Tx11n
C19	L	GND	C	C	A19	L	GND
C20	S	PRSNT_L			A20	S	SCL
C21	S	Int_L/Reset_L			A21	S	SDA
D1	L	GND	C	C	B1	L	GND
D2	S	Rx0p			B2	S	Tx0p
D3	S	Rx0n			B3	S	Tx0n
D4	L	GND	C	C	B4	L	GND
D5	S	Rx2p			B5	S	Tx2p
D6	S	Rx2p			B6	S	Tx2n
D7	L	GND	C	C	B7	L	GND
D8	S	Rx4p			B8	S	Tx4p
D9	S	Rx4n			B9	S	Tx4n
D10	L	GND	C	C	B10	L	GND
D11	S	Rx6p			B11	S	Tx6p
D12	S	Rx6n			B12	S	Tx6n
D13	L	GND	C	C	B13	L	GND
D14	S	Rx8p			B14	S	Tx8p
D15	S	Rx8n			B15	S	Tx8n
D16	L	GND	C	C	B16	L	GND
D17	S	Rx10p			B17	S	Tx10p
D18	S	Rx10n			B18	S	Tx10n
D19	L	GND	C	C	B19	L	GND
D20	S	VCC3.3-Rx			B20	M	VCC3.3-Tx
D21	S	VCC12-Rx			B21	M	VCC12-Tx

PIN OUT CHART (WIRING) SEE NOTE 6

spec ref		-		dr		Deborah Ingram		2011/04/15		projection		MM		size		A2		scale		1:2					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Ya Li		2015/08/05						ecp no		ELX-N-21586-1									
ASME Y14.5				chr		-		-																	
-				appr		Frank Mao		2015/08/05														product family		-	
surface				linear				title		FINAL ASSEMBLY - STANDARD CXP PASSIVE CABLE ASSEMBLY		dwg no		10116951		rev		C							
ASME Y14.5																						0.X		±Y	
																						0.XX		±Y	
				0.XXX		±Y																			
ASME Y14.5		angular		0°		±Y°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 3									

NOTES:

1. MATERIAL:
COVERS: ZINC ALLOY
PULL STRAP: THERMOPLASTIC
LATCH: STAINLESS STEEL
FERRULE: BRASS
PIN: STAINLESS STEEL
(LOCTITE) EPOXY
SPLIT GROMMET: POLYURETHANE
PADDLE CARD: PRINTED CIRCUIT SUBSTRATE - FR4
CABLE JACKETS TO BE CL2 RATED - UL94-0
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 5 METERS = ± 2% OF "DIM L"

5. CONTENTS OF LABEL ARE TO BE:
LABEL DETAILS:

FCI CHINA
FCI P/N
REVISION:C
SN: CNYWWCA ** * #####
|||||
(the first ** present cable length, eg:05--0.5m, 15--1.5m...)
(the 2nd * present cable wire guage, eg:2--30awg, 4--26awg...)
(the 3th * present L--lead free or H--halongen free .)
(the #### present serial number, eg: 0001, 0002...)
(barcode content is CNYWWCA ** * ##### in 128 code)

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. OTHER TESTING PERFORMED AS REQUIRED BY PRODUCT SPECIFICATION: GS-12-0943.
8. 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 PLACED ON ASSEMBLIES PRIOR TO PACKAGING.
9. IMPEDANCE: 100Ω DIFFERENTIAL.
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.

Prduct number (LEAD FREE)	"DIM L" LENGTH METERS	AWG	NOTES
10116951-2005LF	0.5	30	
10116951-2010LF	1.0	30	
10116951-2015LF	1.5	30	
10116951-2020LF	2.0	30	
10116951-2025LF	2.5	30	
10116951-2030LF	3.0	30	
10116951-4005LF	0.5	26	
10116951-4010LF	1.0	26	
10116951-4015LF	1.5	26	
10116951-4020LF	2.0	26	
10116951-4025LF	2.5	26	
10116951-4030LF	3.0	26	
10116951-4035LF	3.5	26	
10116951-4040LF	4.0	26	
10116951-4042LF	4.25	26	
10116951-4045LF	4.5	26	
10116951-4050LF	5.0	26	

Prduct number (HALOGEN FREE)	"DIM L" LENGTH METERS	AWG	NOTES
10116951-2005HLF	0.5	30	
10116951-2010HLF	1.0	30	
10116951-2015HLF	1.5	30	
10116951-2020HLF	2.0	30	
10116951-2025HLF	2.5	30	
10116951-2030HLF	3.0	30	
10116951-4005HLF	0.5	26	
10116951-4010HLF	1.0	26	
10116951-4015HLF	1.5	26	
10116951-4020HLF	2.0	26	
10116951-4025HLF	2.5	26	
10116951-4030HLF	3.0	26	
10116951-4035HLF	3.5	26	
10116951-4040HLF	4.0	26	
10116951-4042HLF	4.25	26	
10116951-4045HLF	4.5	26	
10116951-4050HLF	5.0	26	

Performance Level	Unequalized cable length/AWG*					
	1M	2M	2.5M	3M	4M	4.25M
Infiniband-QDR	30AWG	30AWG	30AWG	26AWG	26AWG	26AWG
IEEE 802.3ba	30AWG	30AWG	30AWG	TBD	TBD	

*MINIMUM RECOMENDED CABLE AWG IS SHOWN

spec ref -		dr Deborah Ingram		2011/04/15	projection  MM 	size A2	scale 1:2
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng Ya Li	2015/08/05			ecn no ELX-N-21586-1	
		chr -				rel level Released	
		appr Frank Mao	2015/08/05			product family -	
surface 	linear	0.X ±Y		title FINAL ASSEMBLY - STANDARD CXP PASSIVE CABLE ASSEMBLY	dwg no 10116951	rev C	
		0.XX ±Y					
		0.XXX ±Y					
ASME Y14.5	angular 0°	±Y°	www.fci.com	cat. no. -	Product - Customer Drw	sheet 3 of 3	