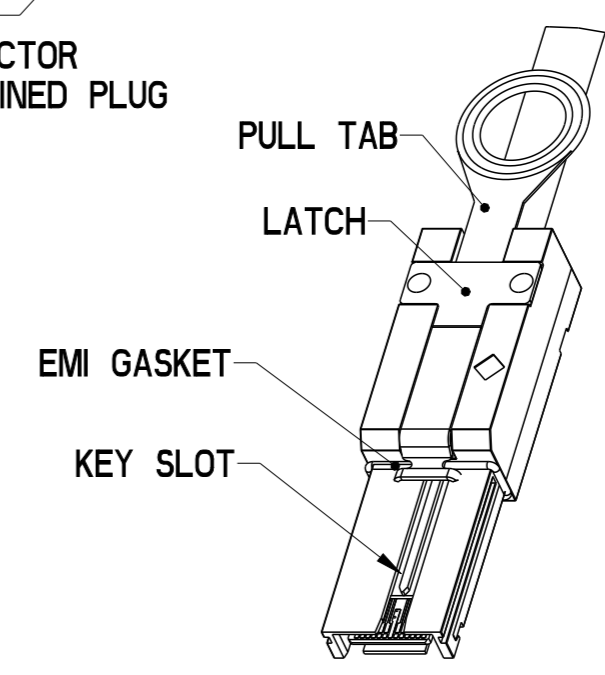
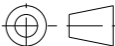




DETAIL A
KEY SLOTS #2 & #4 SHOWN
SCALE 2:1



dr	Deborah Ingram	2010/06/03	<div>projection</div> 	<div>MM</div> 	size	A3	scale	1:1				
eng	Tom Feng	2015/08/12			ecn no	ELX-N-21245-1						
chr	-	-			rel level	Released						
appr	Frank Mao	2015/08/12	product family			C&A						
		title			MiniSAS2.1, Untrained			dwg no	10114976	rev	C	
Assy, Plug to Plug												
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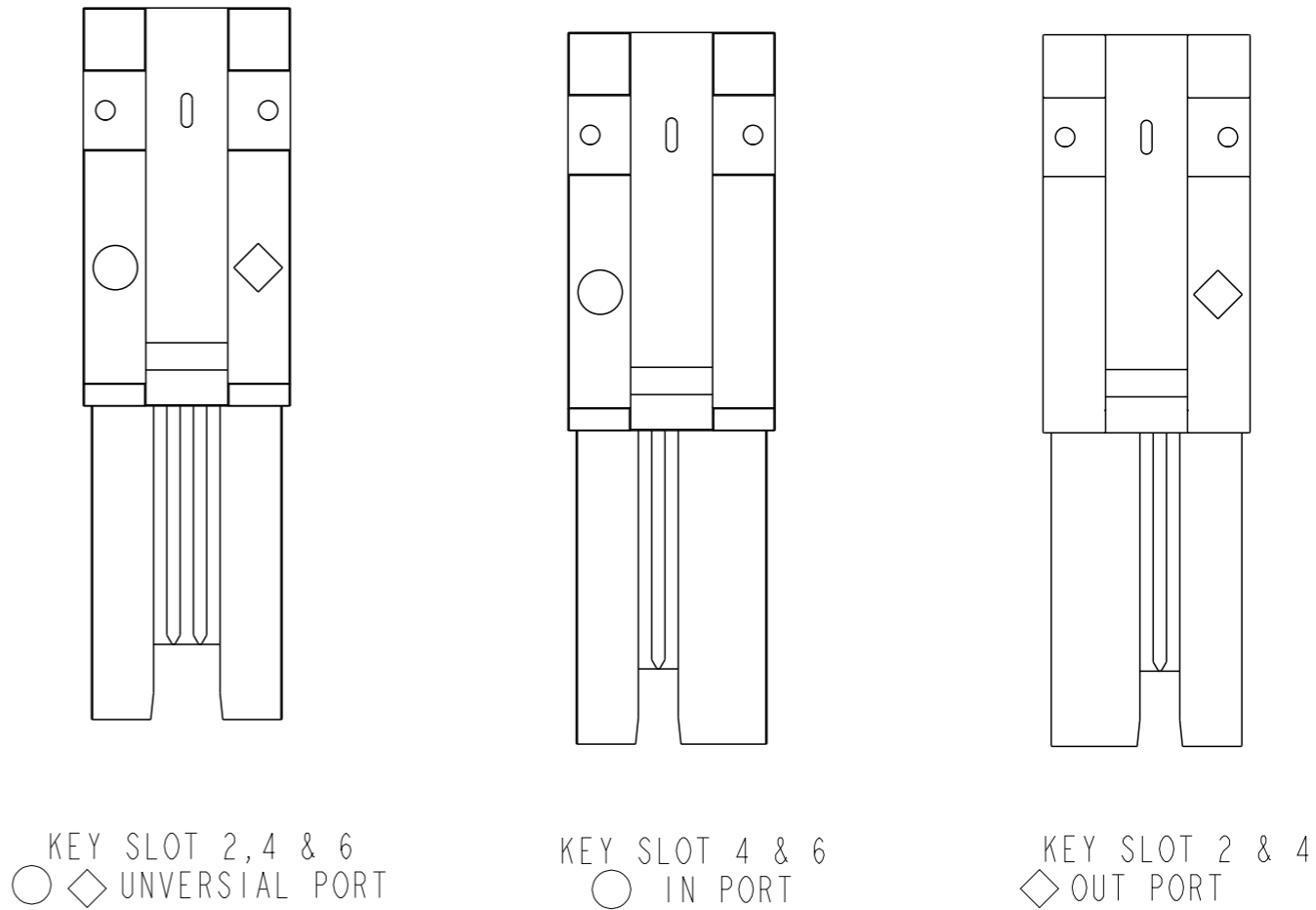
Copyright FCI.

MIN BEND RADIUS
DIM "A"
SEE TABLE 1

(Ø DIM "B")
SEE TABLE 1

BEND RADIUS
(24 AWG SHOWN)

TABLE 1			
CABLE	DESCRIPTION	DIM "A"	DIM "B"
24 AWG	NON-HF	R52.5	Ø10.2mm REF
26 AWG	NON-HF	R47.5	Ø9.5mm REF
28 AWG	NON-HF	R35.5	Ø8.0mm REF



MINI SAS 2.1 UNTRAINED KEYING OPTIONS

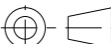


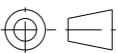
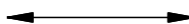
dr	Deborah Ingram	2010/06/03	projection 	MM 	size	A3	scale	1:1			
eng	Tom Feng	2015/08/12			ecn no	ELX-N-21245-1					
chr	-	-			rel level	Released					
appr	Frank Mao	2015/08/12	product family		C&A						
		title			MiniSAS2.1, Untrained Assy, Plug to Plug			dwg no	10114976	rev	C
www.fci.com		cat. no.		-	Product - Customer Drw				sheet 2 of 6		

TABLE 2 MINI SAS 2.1 UNTRAINED CABLE ASSEMBLY (NON-HF)					
PRODUCT NUMBER SEE NOTE 4	DESCRIPTION	GAUGE	"DIM L" LENGTH	END P1 KEY SLOT	END P2 KEY SLOT
10114976-P010001LF	X4 SAS CABLE ASSEMBLY	28 AWG	1M	2, 4	4, 6
10114976-P020001LF	X4 SAS CABLE ASSEMBLY	28 AWG	2M	2, 4	4, 6
10114976-P030001LF	X4 SAS CABLE ASSEMBLY	28 AWG	3M	2, 4	4, 6
10114976-P040001LF	X4 SAS CABLE ASSEMBLY	28 AWG	4M	2, 4	4, 6
10114976-P050001LF	X4 SAS CABLE ASSEMBLY	28 AWG	5M	2, 4	4, 6
10114976-P060001LF	X4 SAS CABLE ASSEMBLY	28 AWG	6M	2, 4	4, 6
10114976-N040001LF	X4 SAS CABLE ASSEMBLY	26 AWG	4M	2, 4	4, 6
10114976-N050001LF	X4 SAS CABLE ASSEMBLY	26 AWG	5M	2, 4	4, 6
10114976-N060001LF	X4 SAS CABLE ASSEMBLY	26 AWG	6M	2, 4	4, 6
10114976-N070001LF	X4 SAS CABLE ASSEMBLY	26 AWG	7M	2, 4	4, 6
10114976-M060001LF	X4 SAS CABLE ASSEMBLY	24 AWG	6M	2, 4	4, 6
10114976-M070001LF	X4 SAS CABLE ASSEMBLY	24 AWG	7M	2, 4	4, 6
10114976-M080001LF	X4 SAS CABLE ASSEMBLY	24 AWG	8M	2, 4	4, 6
10114976-M090001LF	X4 SAS CABLE ASSEMBLY	24 AWG	9M	2, 4	4, 6
10114976-M100001LF	X4 SAS CABLE ASSEMBLY	24 AWG	10M	2, 4	4, 6
10114976-P005002LF	X4 SAS CABLE ASSEMBLY	28 AWG	0.5M	2, 4, 6	2, 4, 6
10114976-P006002LF	X4 SAS CABLE ASSEMBLY	28 AWG	0.6M	2, 4, 6	2, 4, 6
10114976-P012502LF	X4 SAS CABLE ASSEMBLY	28 AWG	1.25M	2, 4, 6	2, 4, 6
10114976-P015002LF	X4 SAS CABLE ASSEMBLY	28 AWG	1.5M	2, 4, 6	2, 4, 6
10114976-P010002LF	X4 SAS CABLE ASSEMBLY	28 AWG	1M	2, 4, 6	2, 4, 6
10114976-P020002LF	X4 SAS CABLE ASSEMBLY	28 AWG	2M	2, 4, 6	2, 4, 6
10114976-P030002LF	X4 SAS CABLE ASSEMBLY	28 AWG	3M	2, 4, 6	2, 4, 6
10114976-P035002LF	X4 SAS CABLE ASSEMBLY	28 AWG	3.5M	2, 4, 6	2, 4, 6
10114976-P040002LF	X4 SAS CABLE ASSEMBLY	28 AWG	4M	2, 4, 6	2, 4, 6
10114976-P050002LF	X4 SAS CABLE ASSEMBLY	28 AWG	5M	2, 4, 6	2, 4, 6
10114976-P060002LF	X4 SAS CABLE ASSEMBLY	28 AWG	6M	2, 4, 6	2, 4, 6
10114976-N040002LF	X4 SAS CABLE ASSEMBLY	26 AWG	4M	2, 4, 6	2, 4, 6
10114976-N050002LF	X4 SAS CABLE ASSEMBLY	26 AWG	5M	2, 4, 6	2, 4, 6
10114976-N060002LF	X4 SAS CABLE ASSEMBLY	26 AWG	6M	2, 4, 6	2, 4, 6
10114976-N070002LF	X4 SAS CABLE ASSEMBLY	26 AWG	7M	2, 4, 6	2, 4, 6
10114976-M060002LF	X4 SAS CABLE ASSEMBLY	24 AWG	6M	2, 4, 6	2, 4, 6
10114976-M070002LF	X4 SAS CABLE ASSEMBLY	24 AWG	7M	2, 4, 6	2, 4, 6
10114976-M080002LF	X4 SAS CABLE ASSEMBLY	24 AWG	8M	2, 4, 6	2, 4, 6
10114976-M090002LF	X4 SAS CABLE ASSEMBLY	24 AWG	9M	2, 4, 6	2, 4, 6
10114976-M100002LF	X4 SAS CABLE ASSEMBLY	24 AWG	10M	2, 4, 6	2, 4, 6

dr	Deborah Ingram	2010/06/03	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	scale	
eng	Tom Feng	2015/08/12			A3	1:1	
chr	-	-			ecn no ELX-N-21245-1		
appr	Frank Mao	2015/08/12	product family C&A		rel level Released		
<div>FCi</div>		title MiniSAS2.1, Untrained Assy, Plug to Plug			dwg no 10114976		rev C
www.fci.com		cat. no. -		Product - Customer Drw			sheet 3 of 6

1

2

3

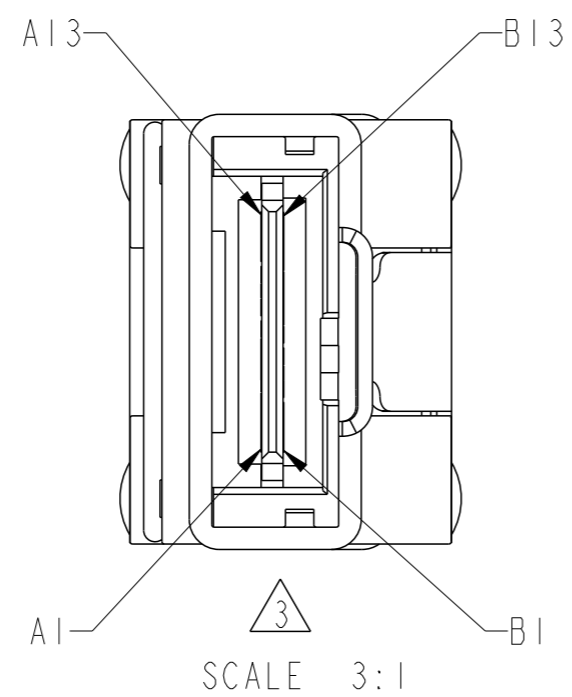
4

A

B

C

D



WIRING LIST SEE NOTE 7

P1	GND	A1	—	B1	GND	P2
	Rx 0+	A2	←	B2	Tx 0+	
	Rx 0-	A3		B3	Tx 0-	
	GND	A4	—	B4	GND	
	Rx 1+	A5	←	B5	Tx 1+	
	Rx 1-	A6		B6	Tx 1-	
	GND	A7	—	B7	GND	
	Rx 2+	A8	←	B8	Tx 2+	
	Rx 2-	A9		B9	Tx 2-	
	GND	A10	—	B10	GND	
	Rx 3+	A11	←	B11	Tx 3+	
	Rx 3-	A12		B12	Tx 3-	
	GND	A13	—	B13	GND	
	GND	B1	—	A1	GND	
	Tx 0+	B2	→	A2	Rx 0+	
	Tx 0-	B3		A3	Rx 0-	
	GND	B4	—	A4	GND	
	Tx 1+	B5	→	A5	Rx 1+	
	Tx 1-	B6		A6	Rx 1-	
	GND	B7	—	A7	GND	
	Tx 2+	B8	→	A8	Rx 2+	
	Tx 2-	B9		A9	Rx 2-	
	GND	B10	—	A10	GND	
	Tx 3+	B11	→	A11	Rx 3+	
	Tx 3-	B12		A12	Rx 3-	
	GND	B13	—	A13	GND	

A

B

C

D



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dr	Deborah Ingram	2010/06/03	<div>projection</div> <div></div>	<div>MM</div> <div>←→</div>	size	scale	
eng	Tom Feng	2015/08/12			A3	1:1	
chr	-	-			ecn no	ELX-N-21245-1	
appr	Frank Mao	2015/08/12	product family C&A		rel level Released		
<div>www.fci.com</div>		title MiniSAS2.1, Untrained Assy, Plug to Plug			dwg no 10114976	rev C	
cat. no. -			Product - Customer Drw			sheet 4 of 6	

2

3

PDS: Rev :C

STATUS:Released

Printed: Aug 12, 2015

4

NOTES:

- ① - MATERIAL:
BACKSHELLS: ZINC DIECAST
PULL TAB: MOLDED THERMOPLASTIC
LATCH: STAINLESS STEEL
JET MELT: POLYAMIDE POLYMER
- 2 - ELECTRICAL PERFORMANCE PER CURRENT REVISION
OF SERIAL ATTACHED SCSI - 2.1 (SAS-2.1) T10/2125-D
- ③ - THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN
ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2011/65/EU)

4 - PART NUMBER DESCRIPTION

10114976 - X XX XX XX LF

LEAD FREE (SEE NOTE 3 AND 10)

KEY SLOT
01: P1=KEY SLOT 2,4 , P2= KEY SLOT,4,6
02: P1=KEY SLOT 2,4,6, P2= KEY SLOT 2,4,6

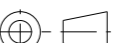


LENGTH
XX= METERS, XX=CENTIMETERS
0100 = 01 METERS, 00 CENTIMETERS ("DIM L")

GAUGE
M: 24 AWG
N: 26 AWG
P: 28 AWG

- ⑤ - UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE IS TO BE:
"DIM L" < 1 METER = $\pm 25.0\text{mm}$
"DIM L" = 1 METER TO 10 METERS = $\pm 2\%$ OF "DIM L"
"DIM L" > 10 METERS = $+0.00/-4\%$ OF "DIM L"
- ⑥ - UNLESS OTHERWISE SPECIFIED LABEL POSITION IS TO BE 50mm FROM REAR OF CONNECTOR.
LABEL DETAILS:
MANUFACTURER CODE OR NAME
CUSTOMER P/N OR FCI P/N
REVISION
DATE CODE (WW/YY FORMAT) - SERIAL NUMBER
COUNTRY ORIGIN

EXAMPLE SHOWN BELOW:

WW/YY - XXXX
YEAR SERIAL NUMBER
WEEK

dr	Deborah Ingram	2010/06/03	<div>projection</div> 	<div>MM</div> 	size	A3	scale	1:1		
eng	Tom Feng	2015/08/12			ecn no	ELX-N-21245-1				
chr	-	-								
appr	Frank Mao	2015/08/12	product family		C&A	rel level Released				
		title			MiniSAS2.1, Untrained		dwg no		10114976	rev
		Assy, Plug to Plug							C	
www.fci.com		cat. no.		-	Product - Customer Drw			sheet 5 of 6		

NOTES CONTINUED:

- 7 - ALL CABLE ASSEMBLIES SHALL BE 100% TESTED FOR CONTINUITY AS DEFINED IN WIRING LIST.
- 8 - UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED BY APPLYING 300V DC FOR A MINIMUM OF 10ms, UNLESS ACTIVE COMPONENTS ARE USED IN THIS ASSEMBLY.
- 9 - OTHER TESTING PERFORMED AS REQUIRED BY PRODUCT SPECIFICATION: GS-12-548.
- 10 - PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING PER SPECIFICATION GS-14-920. PACKAGE CABLE ASSEMBLIES PER GS-14-1272.
11. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
12. Raw cable is optional, which had been qualified by FCI and meet FCI product spec GS-12-548



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dr	Deborah Ingram	2010/06/03	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A3	scale	1:1	
eng	Tom Feng	2015/08/12			ecn no	ELX-N-21245-1			
chr	-	-			rel level	Released			
appr	Frank Mao	2015/08/12	product family		C&A				
<div>www.fci.com</div>		cat. no.			-		Product - Customer Drw		sheet 6 of 6
<div>FCi</div>		title			MiniSAS2.1, Untrained		dwg no		10114976
					Assy, Plug to Plug				rev
									C

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[10114976-N060002LF](#) [10114976-P020002LF](#) [10114976-P010002LF](#) [10114976-P015002LF](#) [10114976-P012502LF](#)