



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



spec ref	---	dr	Stu Stoner	2008/02/05	projection	MM	size	A3	scale	1:1
tolerance std	---	eng	Tom Feng	2014/09/24			ecn no	ELX-N-18883-1	rel level	Released
---	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	---						
surface	✓	appr	Delhy Liu	2014/09/24			title FINAL CABLE ASSEMBLY-ALTERNATE CABLE Mini SAS 2.0/SATA (CRKT)		dwg no 10084749	rev H
---	linear	0.X	±0.3	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 1 of 6		
		0.XX	±0.10							
		0.XXX	±0.050							
	angular	0°	±2°							



KEY SLOT 2, 4 & 6  
 ○ ◇ UNVERSIAL PORT



KEY SLOT 2 & 4  
 ◇ OUT PORT



KEY SLOT 4 & 6  
 ○ IN PORT

### MINI SAS 2.0

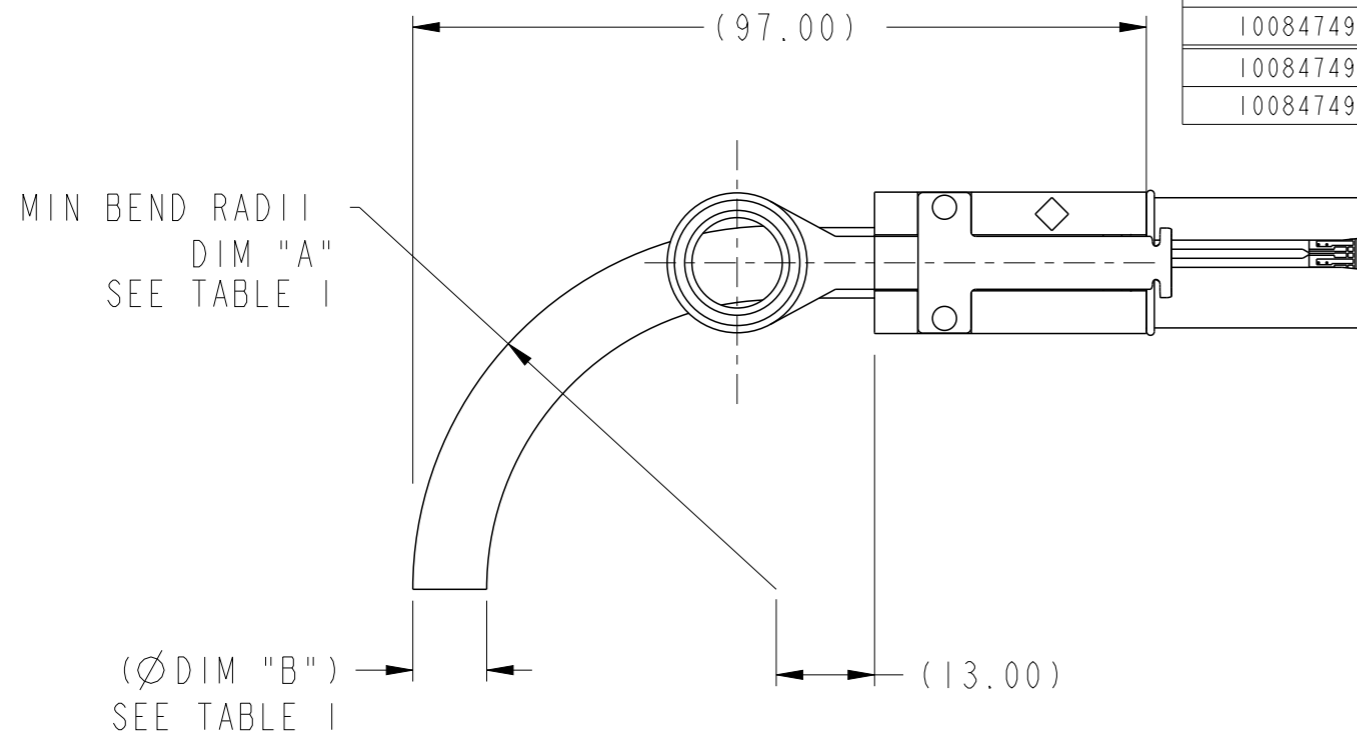
PRODUCT NUMBER SEE NOTE 4	HUAWEI PART NUMBER	DESCRIPTION	GAUGE	"DIM L" LENGTH	END P1 KEY SLOT	END P2 KEY SLOT	IDENTIFIER
I0084749-M060002LF	/	X4 SAS CABLE ASSEMBLY	24 AWG	6M	4, 6	4, 6	SUBTRACTIVE ROUTING (IN PORT), SAS
I0084749-N040002LF	/	X4 SAS CABLE ASSEMBLY	26 AWG	4M	4, 6	4, 6	
I0084749-N050002LF	/	X4 SAS CABLE ASSEMBLY	26 AWG	5M	4, 6	4, 6	
I0084749-P010002LF	/	X4 SAS CABLE ASSEMBLY	28 AWG	1M	4, 6	4, 6	
I0084749-P020002LF	/	X4 SAS CABLE ASSEMBLY	28 AWG	2M	4, 6	4, 6	
I0084749-P030002LF	/	X4 SAS CABLE ASSEMBLY	28 AWG	3M	4, 6	4, 6	
I0084749-M060003LF	/	X4 SAS CABLE ASSEMBLY	24 AWG	6M	2, 4, 6	2, 4, 6	UNIVERSAL KEY, SAS
I0084749-N030003LF	/	X4 SAS CABLE ASSEMBLY	26 AWG	3M	2, 4, 6	2, 4, 6	
I0084749-N040003LF	/	X4 SAS CABLE ASSEMBLY	26 AWG	4M	2, 4, 6	2, 4, 6	
I0084749-N050003LF	/	X4 SAS CABLE ASSEMBLY	26 AWG	5M	2, 4, 6	2, 4, 6	
I0084749-P002503LF	/	X4 SAS CABLE ASSEMBLY	28 AWG	0.25M	2, 4, 6	2, 4, 6	
I0084749-P010003LF	/	X4 SAS CABLE ASSEMBLY	28 AWG	1M	2, 4, 6	2, 4, 6	
I0084749-P015003LF	/	X4 SAS CABLE ASSEMBLY	28 AWG	1.5M	2, 4, 6	2, 4, 6	
I0084749-P020003LF	/	X4 SAS CABLE ASSEMBLY	28 AWG	2M	2, 4, 6	2, 4, 6	
I0084749-P025003LF	/	X4 SAS CABLE ASSEMBLY	28 AWG	2.5M	2, 4, 6	2, 4, 6	
I0084749-P030003LF	/	X4 SAS CABLE ASSEMBLY	28 AWG	3M	2, 4, 6	2, 4, 6	
I0084749-M060006LF	/	X4 SAS CABLE ASSEMBLY	24 AWG	6M	2, 4	4, 6	SAS, TABLE ROUTING (OUT PORT), TO SUBTRACTIVE ROUTING (IN PORT)
I0084749-N010006LF	/	X4 SAS CABLE ASSEMBLY	26 AWG	1M	2, 4	4, 6	
I0084749-N030006LF	/	X4 SAS CABLE ASSEMBLY	26 AWG	3M	2, 4	4, 6	
I0084749-N040006LF	/	X4 SAS CABLE ASSEMBLY	26 AWG	4M	2, 4	4, 6	
I0084749-N050006LF	/	X4 SAS CABLE ASSEMBLY	26 AWG	5M	2, 4	4, 6	
I0084749-P010006LF	0405G005	X4 SAS CABLE ASSEMBLY	28 AWG	1M	2, 4	4, 6	
I0084749-P020006LF	/	X4 SAS CABLE ASSEMBLY	28 AWG	2M	2, 4	4, 6	
I0084749-P030006LF	0405G003	X4 SAS CABLE ASSEMBLY	28 AWG	3M	2, 4	4, 6	

### MINI SAS 2.0 KEYING OPTIONS

spec ref	---	dr	Stu Stoner	2008/02/05	projection	MM	size	A3	scale	1:1		
tolerance std	---	eng	Tom Feng	2014/09/24			ecn no	ELX-N-18883-1	rel level	Released		
---	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-								
surface	✓	appr	Delhy Liu	2014/09/24	product family	MiniSAS/SATA	dwg no		10084749	rev		
linear	0.X ±0.3			title		FINAL CABLE ASSEMBLY-ALTERNATE CABLE			cat. no.	-	Product - Customer Drw	sheet 2 of 6
linear	0.XX ±0.10	Mini SAS 2.0/SATA (CRKT)		title		10084749						
angular	0° ±2°	www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 6		

# SATA

PRODUCT NUMBER SEE NOTE 4	DESCRIPTION	GAUGE	"DIM L" LENGTH	END P1 KEY SLOT	END P2 KEY SLOT	IDENTIFIER
10084749-M060004LF	X4 SATA CABLE ASSEMBLY	24 AWG	6M	1,4	1,4	X CABLE, SATA
10084749-N020004LF	X4 SATA CABLE ASSEMBLY	26 AWG	2M	1,4	1,4	
10084749-N040004LF	X4 SATA CABLE ASSEMBLY	26 AWG	4M	1,4	1,4	
10084749-N050004LF	X4 SATA CABLE ASSEMBLY	26 AWG	5M	1,4	1,4	
10084749-P010004LF	X4 SATA CABLE ASSEMBLY	28 AWG	1M	1,4	1,4	
10084749-P030004LF	X4 SATA CABLE ASSEMBLY	28 AWG	3M	1,4	1,4	
10084749-M060005LF	X4 SATA CABLE ASSEMBLY	24 AWG	6M	7	7	M CABLE, SATA
10084749-N020005LF	X4 SATA CABLE ASSEMBLY	26 AWG	2M	7	7	
10084749-N040005LF	X4 SATA CABLE ASSEMBLY	26 AWG	4M	7	7	
10084749-N050005LF	X4 SATA CABLE ASSEMBLY	26 AWG	5M	7	7	
10084749-P010005LF	X4 SATA CABLE ASSEMBLY	28 AWG	1M	7	7	
10084749-P030005LF	X4 SATA CABLE ASSEMBLY	28 AWG	3M	7	7	



**BEND RADIUS  
(24 AWG SHOWN)**

CABLE	DIM "A"	DIM "B"
24 AWG	(R46.9)	(Ø 9.5mm)
26 AWG	(R41.7)	(Ø 8.3mm)
28 AWG	(R37.7)	(Ø 7.6mm)



KEY SLOT 1 & 4  
X CABLE, SATA



KEY SLOT 7  
M CABLE, SATA

## SATA KEYING OPTIONS

spec ref	---	dr	Stu Stoner	2008/02/05	projection	MM	size	A3	scale	1:1	
tolerance std	---	eng	Tom Feng	2014/09/24			ecn no	ELX-N-18883-1	rel level	Released	
---	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	---							
---		appr	Delhly Liu	2014/09/24							product family
surface	✓	linear	0.X	±0.3		title FINAL CABLE ASSEMBLY-ALTERNATE CABLE Mini SAS 2.0/SATA (CRKT)	dwg no 10084749	rev H	cat. no. -	Product - Customer Drw	sheet 3 of 6
			0.XX	±0.10							
			0.XXX	±0.050							
---		angular	0°	±2°	www.fci.com						

A

B

C

D

A

B

C

D

WIRING LIST SEE NOTE 7



	GND	A1	---	B1	GND
	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
P1	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
					P2



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tolerance std	---	eng	Tom Feng	2014/09/24			ecn no	ELX-N-18883-1	rel level	Released		
---	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-								
surface	✓	appr	Delhy Liu	2014/09/24	product family	MiniSAS/SATA						
---	linear				FINAL CABLE ASSEMBLY-ALTERNATE CABLE Mini SAS 2.0/SATA (CRKT)			dwg no 10084749		rev H		
	0.X											±0.3
	0.XX											±0.10
	0.XXX	±0.050	www.fci.com			cat. no.		-		Product - Customer Drw		
	angular	0°	±2°				sheet 4 of 6					

NOTES:

- ① - MATERIAL:  
 BACK SHELLS: ZINC DIECAST  
 PULL TAB: MOLDED THERMOPLASTIC  
 LATCH: STAINLESS STEEL  
 JET MELT: POLYAMIDE POLYMER
- 2 - ELECTRICAL PERFORMANCE PER CURRENT REVISION  
 OF SERIAL ATA, T10/I760-D (SAS-2 REQUIREMENTS).
- ③ - THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN  
 ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC)

4 - PART NUMBER DESCRIPTION

10084749 - X XX XX XX LF



- ⑤ - UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE IS TO BE:  
 < 1 METER = ±25.0mm  
 > 1 METER TO 6 METERS = ± 2% OF "DIM L"



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tolerance std	---	eng	Tom Feng	2014/09/24		← →	ecn no	ELX-N-18883-1		
---	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-				product family	MiniSAS/SATA	rel level
surface	✓	appr	Delhy Liu	2014/09/24	title		dwg no	10084749	rev	H
---	linear	www.fci.com		cat. no.	Product - Customer Drw		sheet 5 of 6			
	angular	0°	±2°							

NOTES CONTINUED:

- ⑥ - UNLESS OTHERWISE SPECIFIED LABEL POSITION IS TO BE 100mm FROM REAR OF CONNECTOR.  
LABEL DETAILS:



FONT SHALL BE CLEARLY VISIBLE AND BLACK IN COLOR.

- 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. ADD DUST COVER ON MINI-SAS CONNECTOR WHEN PACKAGE FOR SHIPMENT NEED STICK BELOW LABEL ON PE BAG.



11. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.

12. 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.

spec ref	---	dr	Stu Stoner	2008/02/05	projection	MM	size	A3	scale	1:1																	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Tom Feng	2014/09/24			ecn no		ELX-N-18883-1																		
---		chr	-	-			rel level		Released																		
---		appr	Delhy Liu	2014/09/24	product family		MiniSAS/SATA																				
surface	<table border="1"> <tr> <td rowspan="3">✓</td> <td rowspan="3">linear</td> <td>0.X</td> <td>±0.3</td> </tr> <tr> <td>0.XX</td> <td>±0.10</td> </tr> <tr> <td>0.XXX</td> <td>±0.050</td> </tr> <tr> <td>---</td> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table>	✓	linear	0.X	±0.3	0.XX	±0.10	0.XXX	±0.050	---	angular	0°	±2°		<table border="1"> <tr> <td>title</td> <td>FINAL CABLE ASSEMBLY-ALTERNATE CABLE</td> <td>dwg no</td> <td>10084749</td> <td>rev</td> <td>H</td> </tr> <tr> <td>www.fci.com</td> <td>cat. no.</td> <td>-</td> <td>Product - Customer Drw</td> <td>sheet 6 of 6</td> <td></td> </tr> </table>	title	FINAL CABLE ASSEMBLY-ALTERNATE CABLE	dwg no	10084749	rev	H	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 6 of 6	
✓	linear			0.X	±0.3																						
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www.fci.com	cat. no.	-	Product - Customer Drw	sheet 6 of 6																							



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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
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- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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