

DETAIL A
SCALE 4:1

DETAIL B
SCALE 4:1

NOTES:

- 100% CONTINUITY TESTED AS DEFINED IN WIRE DIAGRAM.
- HI-POT TEST: DC 300V/10ms
CONNECTION RESISTANCE: 3.0 Ohm MAX.
INSULATION RESISTANCE: 10M Ohm MIN.
- ROHS COMPLIANCE
- PACKAGE SPECIFICATION REFER TO GS-14-1274.
- A SYMBOL  WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION

9	2	G	3525 LOCTITE UV GLUE
8	1	EA	HD miniSAS PCB A/B
7	1	EA	HD miniSAS PCB A/B
6	1	EA	HD miniSAS HOUSING
5	1	EA	HD miniSAS INSERT
4	1	PCS	CABLE ID LABEL, WRAP ROUND TYPE, BRIGHT WHITE
3	A/R	MM	PLASTIC BRAID, BLACK COLOR
2	80	MM	AC TAPE, BLACK COLOR
1	0.5	EA	miniSAS horizontal RA CONNECTOR KIT (WITH DUST COVER)
ITEM	Q'TY	UNIT	DESCRIPTION

www.fciconnect.com			surface - ✓	tolerance std -	projection -	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			A3
Dr	Andy Wu	2013-01-04	ANGULAR	0.X	±-	
Eng	Andy Wu	2013-01-04		0.XX	±-	
Chr	Roger Cheng	2013-01-04	0° ±-	0.XXX	±-	ECN
Appr	Jackson Wang	2013-01-04	Product family			Spec ref
			Internal miniSASHD to internal miniSAS horizontal RA cable assembly			10124110
			catalog no	-	Customer	sheet 1 of 2



Internal miniSASHD to internal miniSAS
horizontal RA cable assembly

10124110

Rev.
A

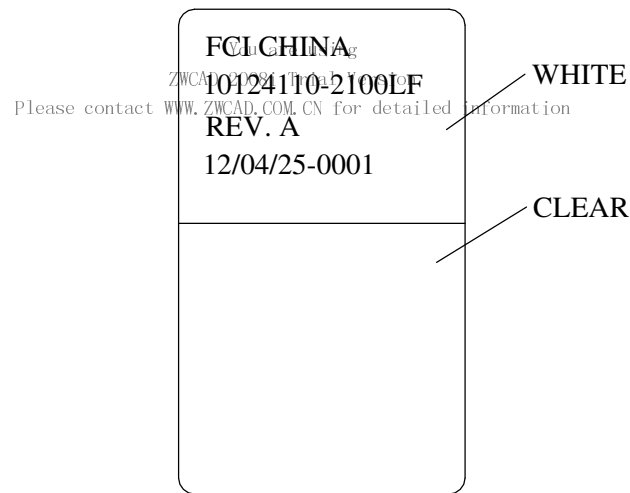
WIRE DIAGRAM:

TABLE 1:

P1 CONTROLLER			P2 CONTROLLER		
PIN	SYMBOL		SYMBOL	PIN	
B18	GND	-----	GND	A9	
B17	Tx3-	○→	Rx3-	A8	
B16	Tx3+	○→	Rx3+	A7	
B15	GND	-----	GND	B9	
B14	Tx2-	○→	Rx2-	B8	
B13	Tx2+	○→	Rx2+	B7	
B12	GND	-----	GND	B6	
B11	SB 6	←→	SB 1	B2	
B10	SB 2	←→	SB 4	D1	
B9	SB 1	←→	SB 6	D2	
B8	SB 0	←→	SB 7	A1	
B7	GND	-----	GND	A6	
B6	Tx1-	○→	Rx1-	A5	
B5	Tx1+	○→	Rx1+	A4	
B4	GND	-----	GND	A3	
B3	Tx0-	○→	Rx0-	B5	
B2	Tx0+	○→	Rx0+	B4	
B1	GND	-----	GND	B3	
A18	GND	-----	GND	C9	
A17	Rx3-	←○	Tx3-	C8	
A16	Rx3+	←○	Tx3+	C7	
A15	GND	-----	GND	D9	
A14	Rx2-	←○	Tx2-	D8	
A13	Rx2+	←○	Tx2+	D7	
A12	GND	-----	GND	D6	
A11	SB 5	←→	SB 2	C2	
A10	SB 4	←→	SB 3	B1	
A9	SB 3	←→	SB 4	C1	
A8	SB 7	←→	SB 0	A2	
A7	GND	-----	GND	C6	
A6	Rx1-	←○	Tx1-	C5	
A5	Rx1+	←○	Tx1+	C4	
A4	GND	-----	GND	C3	
A3	Rx0-	←○	Tx0-	D5	
A2	Rx0+	←○	Tx0+	D4	
A1	GND	-----	GND	D3	

FCI P/N	WIRE GUAGE	LENGTH("L")	TOLERANCE
10124110-2030LF	30AWG	300 mm	±15mm
10124110-2040LF	30AWG	400 mm	±15mm
10124110-2050LF	30AWG	500 mm	±15mm
10124110-2060LF	30AWG	600 mm	±15mm
10124110-2070LF	30AWG	700 mm	±15mm
10124110-2080LF	30AWG	800 mm	±15mm
10124110-2090LF	30AWG	900 mm	±15mm
10124110-2100LF	30AWG	1000 mm	±20mm

CABLE LABEL SPEC.:



LABEL NOTES:

A. FCI PN and Revision: see table 1

B. 12/04/25-0001

SN: SERIAL NUMBER

DD: DATE

MM: MONTH

YY: YEAR

C. SN: START FROM 0001...

WHICH COULD NOT BE REPEAT.

rev	ecn no	dr	date

www.fciconnect.com			surface	-	tolerance std	-	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED					Scale NTS
Dr	Andy Wu	2013-01-04	ANGULAR	LINEAR	0.X	±-		
Eng	Andy Wu	2013-01-04			0.XX	±-		
Chr	Roger Cheng	2013-01-04	0°	±-	0.XXX	±-	ECN	-
Appr	Jackson Wang	2013-01-04	Product family				Spec ref	-
			Internal miniSASHD to internal miniSAS horizontal RA cable assembly			10124110		Rev. A
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