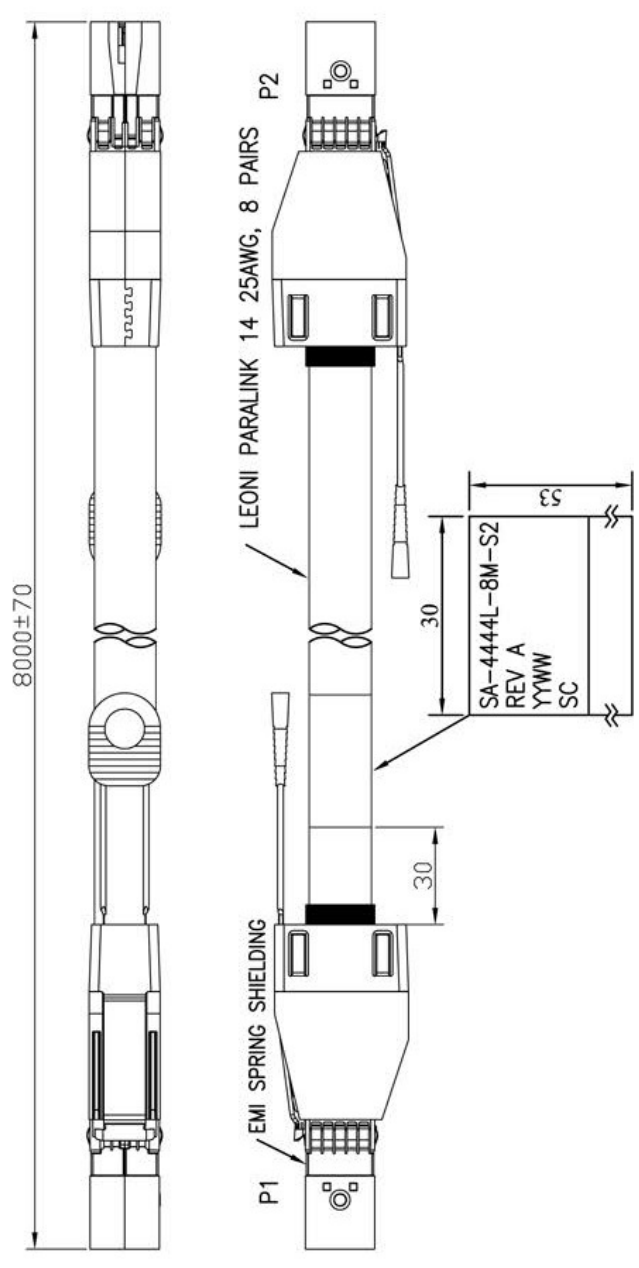


RoHS

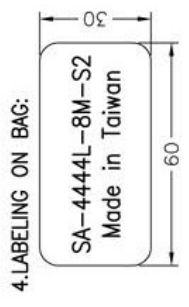
REV.	REMARK	DATE	SIGN.



MATERIAL RoHS COMPLIANT:

- 1.CABLE:
 CONDUCTOR: 25AWG SOLID SILVER PLATED COPPER.
 INSULATION: SKIN-FOAM-SKIN
 PAIR: 2 WIRES, WH AND YE PARALLEL.
 CORE: 8 PAIRS
 PAIR DRAIN WIRE: Ø0.4mm (26AWG) TINNED COPPER.
 PAIR SHIELD: ALUMINUM FOIL OVERLAPPED, ALU INSIDE.
 INNER SHIELD: ALUMINUM FOIL OVERLAPPED, APPLIED LONGITUDINALLY.
 OUTER SHIELD: TINNED COPPER BRAID, 85% COVERAGE.
 DIAMETER: 9.4 ± 0.3 mm
 PRINT LEGEND: "LEONI High Speed Cable ParaLink®-14
 1000 Pairs, 25AWG (SHIELDED)(UL) E116441 CL2 75°C"
 DIFFERENTIAL IMPEDANCE: 100±5 OHM.

- 2.CONNECTOR:
 P1,P2: Mini SAS HD 4x CABLE PLUG (SFF-8644)
 (1) P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS, WITHOUT CARBON
 (P/N: MPCB-040117LF REV.A / SPCB-040118A)
 (2) LATCH: STAINLESS STEEL
 (3) BACKSHELL- ZINC DIE CASTING HOOD/ NICKEL PLATING
 (4) PULL TAB: NYLON UL94V-0, COLOR: BLUE.
 (5) EMI SPRING SHIELDING
- 3.TWO-WIRED SERIAL MEMORY: ATMEL AT24C02B EEPROM (256 BYTES).



DESC.	Mini SAS HD 4x/Mini SAS HD 4x CABLE ASS'Y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm
P/N	UASS-RC006231			Sino			DATE	04/30/13	DWG NO: DWG/RC\6231

REV.	REMARK	DATE	SIGN.

WIRING DIAGRAM

HIGH SPEED SIGNAL		
P1(Mini SAS HD 4x Plug)	PAD	SIGNAL
A4	RX1+	TX1+
A5	RX1-	TX1-
A7	RX3+	TX3+
A8	RX3-	TX3-
B4	RX0+	TX0+
B5	RX0-	TX0-
B7	RX2+	TX2+
B8	RX2-	TX2-
C4	TX1+	RX1+
C5	TX1-	RX1-
C7	TX3+	RX3+
C8	TX3-	RX3-
D4	TX0+	RX0+
D5	TX0-	RX0-
D7	TX2+	RX2+
D8	TX2-	RX2-
GND GROUP	GND	GND

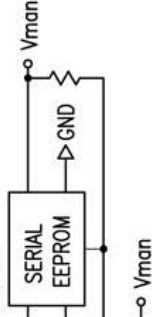
P2(Mini SAS HD 4x Plug)	PAD	SIGNAL
C4	TX1+	TX1+
C5	TX1-	TX1-
C7	TX3+	TX3+
C8	TX3-	TX3-
D4	TX0+	TX0+
D5	TX0-	TX0-
D7	TX2+	TX2+
D8	TX2-	TX2-
A4	RX1+	RX1+
A5	RX1-	RX1-
A7	RX3+	RX3+
A8	RX3-	RX3-
B4	RX0+	RX0+
B5	RX0-	RX0-
B7	RX2+	RX2+
B8	RX2-	RX2-
GND GROUP	GND	GND

GND GROUP 1:
P1-A3,A6,A9,B3,B6,B9, P2-C3,C6,C9,D3,D6,D9

GND GROUP 2:
P1-C3,C6,C9,D3,D6,D9, P2-A3,A6,A9,B3,B6,B9

Connector Shell	Connector Shell
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LOW SPEED SIGNAL & POWER	
P1,P2(Mini SAS HD 4x Plug)	SIGNAL
A1	Reserved
A2	IntL
B1	Vact
B2	ModPrsL
C1	SCL
C2	SDA
D1	Vact
D2	Vman



DESC.	Mini SAS HD 4x/Mini SAS HD 4x CABLE ASSY	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm
P/N	UASS-RC006231			Sino	*	DATE	04/30/13	DWG NO:	DWG/RC/6231