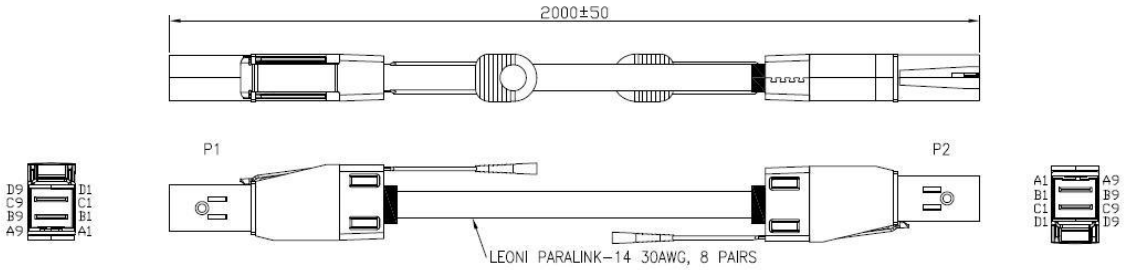
REV.	REMARK	DATE	SIGN.

RoHS



MATERIAL RoHS COMPLIANT:

1.CABLE:
- CONDUCTOR: 30 AWG SOLID SILVER PLATED COPPER.
- INSULATION: SKIN-FOAM-SKIN
- PAIR: 2 WIRES, WH AND YE PARALLEL.
- CORE: 8 PAIRS
- PAIR DRAIN WIRE: ø0.2mm (32AWG) TINNED COPPER.
- PAIR SHIELD: ALUMINUM FOIL OVERLAPPED, ALU INSIDE.
- INNER SHIELD: ALUMINUM FOIL OVERLAPPED, APPLIED LONGITUDINALLY.
- OUTER SHIELD: 0.1mm DIA TINNED COPPER BRAID, 85% COVERAGE.
- DIAMETER: 6.1 ± 0.2 mm
- PRINT LEGEND: "LEONI High Speed Cable ParaLink®-14 1000 8pairs 30AWG (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-040113LF REV.A / SPCB-040114A)
  - (2) LATCH: STAINLESS STEEL
  - (3) BACKSHELL: ZINC DIE CASTING HOOD/ NICKEL PLATING
  - (4) PULL TAB: NYLON UL94V-0, COLOR: BLUE.
  - (5) EMI GASKET.
- 3.FOR SAS 12.0 Gbps.
- 4.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-RC005984	CUSTOMER P/N			Sino		DATE	01/23/'13	DWG NO:	DWG\RC\5984

REV.	REMARK	DATE	SIGN.

WIRING DIAGRAM

HIGH SPEED SIGNAL				
P1(Mini SAS HD 4x Plug)			P2(Mini SAS HD 4x Plug)	
PIN	SIGNAL		PAD	SIGNAL
A4	RX1+		C4	TX1+
A5	RX1−		C5	TX1−
A7	RX3+		C7	TX3+
A8	RX3−		C8	TX3−
B4	RX0+		D4	TX0+
B5	RX0−		D5	TX0−
B7	RX2+		D7	TX2+
B8	RX2−		D8	TX2−
C4	TX1+		A4	RX1+
C5	TX1−		A5	RX1−
C7	TX3+		A7	RX3+
C8	TX3−		A8	RX3−
D4	TX0+		B4	RX0+
D5	TX0−		B5	RX0−
D7	TX2+		B7	RX2+
D8	TX2−		B8	RX2−
GND GROUP	GND		GND GROUP	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	

LOW SPEED SIGNAL & POWER		
P1,P2(Mini SAS HD 4x Plug)		
PAD	SIGNAL	
A1	Reserved	N.C.
A2	IntL	N.C.
B1	Vact	N.C.
B2	ModPrsL	GND
C1	SCL	SERIAL EEPROM
C2	SDA	SERIAL EEPROM → GND
D1	Vact	Vman
D2	Vman	Vman

DESC.	Mini SAS HD 4x/Mini SAS HD 4x CABLE ASS'Y		APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm
P/N	UASS-RC005984	CUSTOMER P/N			Sino	*	DATE	01/23/'13	DWG NO:	DWG\RC\5984