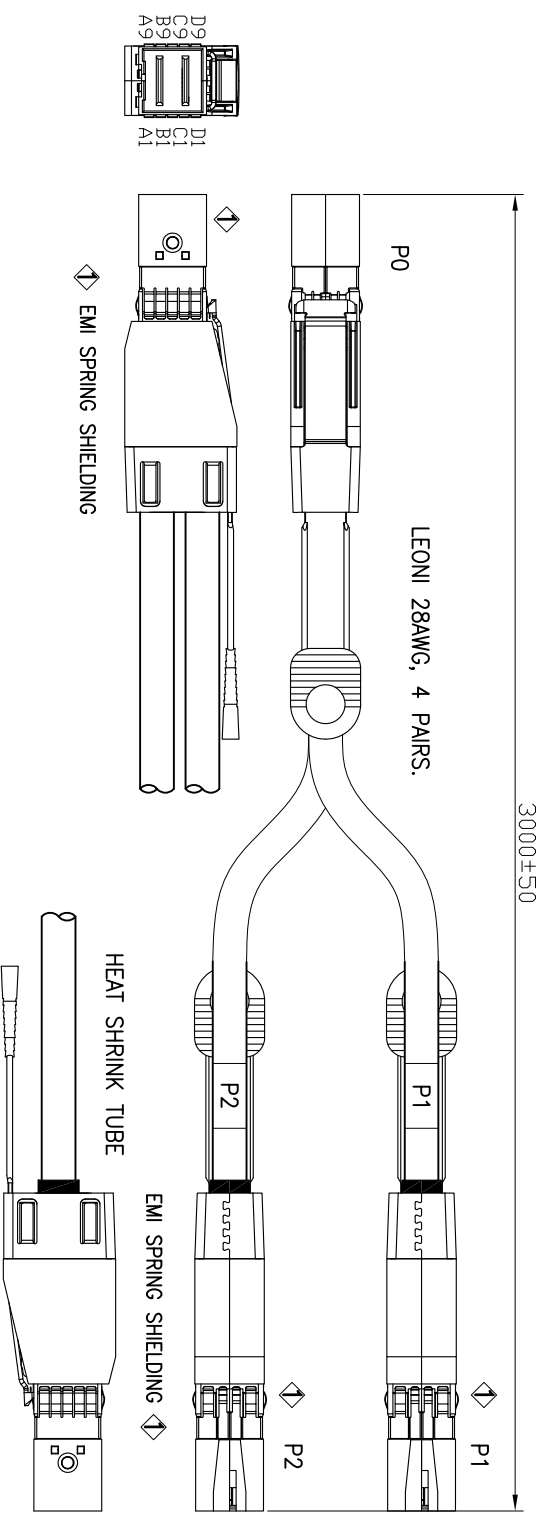


REV.	1	2	3	4	5	6	7	8	9
REMARK									
CHANGE	CONNECTOR & PCB		DATE	01/30/'13	SIGN.	Sino			



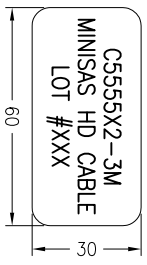
MATERIAL ROHS COMPLIANT:

1. CABLE:
 CONDUCTOR: 28 AWG SOLID SILVER PLATED COPPER.
 INSULATION: SKIN-FOAM-SKIN
 PAIR: 2 WIRES. WH AND YE PARALLEL.
 CORE: 4 PAIRS
 PAIR DRAIN WIRE: Ø0.25 mm TINNED COPPER.
 INNER SHIELD: ALUMINUM FOIL OVERLAPPED, APPLIED LONGITUDINALLY.
 OUTER SHIELD: 38 AWG TINNED COPPER BRAID, 85% COVERAGE.
 DIAMETER: 5.6 ± 0.2 mm
 PRINT LEGEND: *LEONI High Speed Cables Paralink[®]-11
 100Ω 4pairs 28AWG (shielded) (UL) E116441 Cl2 75°C*
 DIFFERENTIAL IMPEDANCE: 100±5 OHM.

2. CONNECTOR:

- P0, P1, P2: Mini SAS HD 4x CABLE PLUG (SFF-8644)
 (1) P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS, WITHOUT CARBON (P/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 SPRING SHIELDING
 3.FOR SAS 12.0 Gbps.
 4.TWO-WIRED SERIAL MEMORY: ATMEL AT24C02B EEPROM (256 BYTES).

5. LABELING ON BAG:



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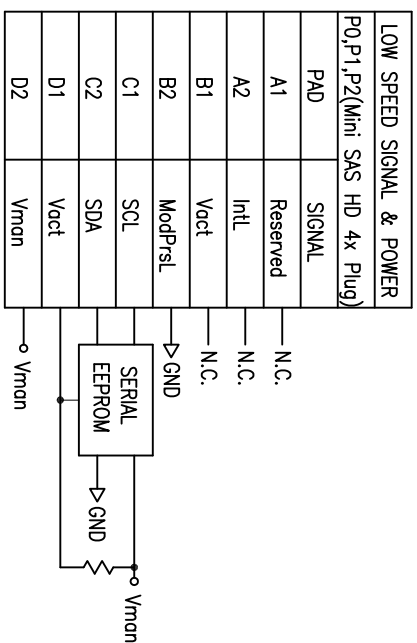
DESC.	Mini SAS HD 4x/Mini SAS HD 4x*2 CABLE ASS'Y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm
P/N				Sino		DATE	01/30/'13	DWG NO:	DWG/RC/5942
CUSTOMER P/N	C5555X2-3M								

1	2	3
REV.	REMARK	DATE SIGN.

WIRING DIAGRAM

HIGH SPEED SIGNAL		
P0(Mini SAS HD 4x Plug)	SIGNAL	Mini SAS HD 4x Plug
PIN	SIGNAL	PAD
B4	RX0+	D4
B5	RX0-	D5
D4	TX0+	B4
D5	TX0-	B5
A4	RX1+	C4
A5	RX1-	C5
C4	TX1+	A4
C5	TX1-	A5
B7	RX2+	D4
B8	RX2-	D5
D7	TX2+	B4
D8	TX2-	B5
A7	RX3+	C4
A8	RX3-	C5
C7	TX3+	A4
C8	TX3-	A5

LOW SPEED SIGNAL & POWER		
P0,P1,P2(Mini SAS HD 4x Plug)	SIGNAL	PAD
A1	Reserved	
A2	Intrl	
B1	Vact	
B2	ModPrsl	
C1	SCL	
C2	SDA	
D1	Vact	
D2	Vman	



GND GROUP 1:
P0-A3,A6,A9,B3,B6,B9, P1,P2-C3,C6,C9,D3,D6,D9
GND GROUP 2:
P0-C3,C6,C9,D3,D6,D9, P1,P2-A3,A6,A9,B3,B6,B9
P0 Connector Shell
P1,P2 Connector Shell

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1	2	3	4	5	6	7	8	9
DESC.	Mini SAS HD 4x/Mini SAS HD 4x*2 CABLE ASS'Y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	UNIT	mm
P/N	C5555X2-xM	CUSTOMER P/N	Sino	*	DATE	01/18/13	DWG NO:	DWG\RC\5940