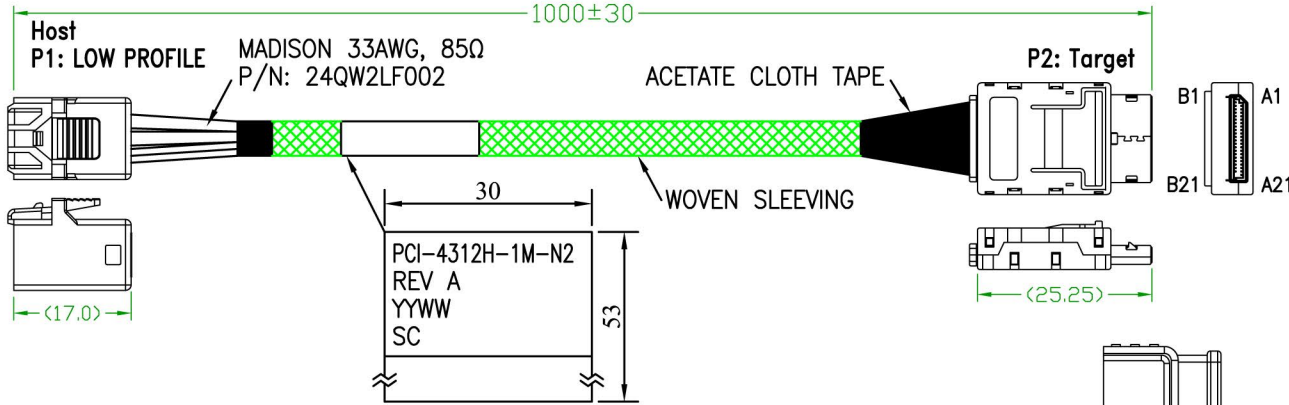


REV.	REMARK	DATE	SIGN.

RoHS

SFF-9402 Rev 0.7 WIRING DIAGRAM



CONTROLLER (DOWNSTREAM)		BACKPLANE (UPSTREAM)	
P1: Mini SAS HD 4i (HOST)		P2: OCuLink STRAIGHT (TARGET)	
PAD	SIGNAL	PAD	SIGNAL
B4	PERp0	B3	PETp0
B5	PERn0	B4	PETn0
A4	PERp1	B6	PETp1
A5	PERn1	B7	PETn1
A1	BP TYPE	B9	BP TYPE
B1	CWAKE#	B10	CWAKE#
C1	VSP/REFCLK+	B12	VSP/REFCLK+
D1	VSP/REFCLK-	B13	VSP/REFCLK-
B7	PERp2	B15	PETp2
B8	PERn2	B16	PETn2
A7	PERp3	B18	PETp3
A8	PERn3	B19	PETn3
D4	PETp0	A3	PERp0
D5	PETn0	A4	PERn0
C4	PETp1	A6	PERp1
C5	PETn1	A7	PERn1
A2	2W-CLK	A9	2W-CLK
B2	2W-DATA	A10	2W-DATA
C2	PERST#	A12	PERST#
D2	CPRSNT#	A13	CPRSNT#
D7	PETp2	A15	PERp2
D8	PETn2	A16	PERn2
C7	PETp3	A18	PERp3
C8	PETn3	A19	PERn3
GND GROUP	GND	GND GROUP	GND
GND GROUP: A3,A6,A9,B3,B6,B9, C3,C6,C9,D3,D6,D9,		GND GROUP: A2,A5,A8,A11,A14,A17,A20, B2,B5,B8,B11,B14,B17,B20	

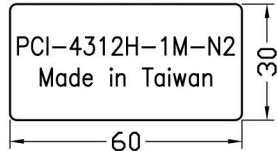
MATERIAL RoHS COMPLIANT:

- CABLE: MADISON 33AWG, 12PAIRS, 85Ω
 CONDUCTOR: 33AWG SOLID SILVER PLATED COPPER.
 INSULATION: POLYOLEFIN.
 PAIR: 2 SINGLES LAID FLAT AND PARALLEL.
 PAIR DRAIN WIRE: 33AWG SOLID TIN PLATED COPPER.
 PAIR SHIELD: METALLIC TAPE
 PAIR JACKET: POLYESTER TAPE
 DIFFERENTIAL IMPEDANCE: 85±5 OHMS @TDR

2.CONNECTOR:

- P1: Mini SAS HD 4i LOW PROFILE CABLE PLUG
- P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS, WITHOUT CARBON (P/N: MPCB-040139LF REV.A / MPCB-040140LF REV.A)
 - HOUSING: PBT, COLOR: BLACK.
- P2: OCuLink STRAIGHT CABLE PLUG
- P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS(SPCB-040162A)
 - BACKSHELLS: LCP UL94-V0, COLOR: BLACK.
 - LATCH: STAINLESS STEEL

3.LABELING ON BAG:



DESC.	MiniSASHD 4i TO OCuLink STRAIGHT CABLE ASS'Y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm	
P/N	B-6185	CUSTOMER P/N	PCI-4312H-1M-N2	Sino	DATE	10/03/17	DWG NO:	DWG\B\6185		