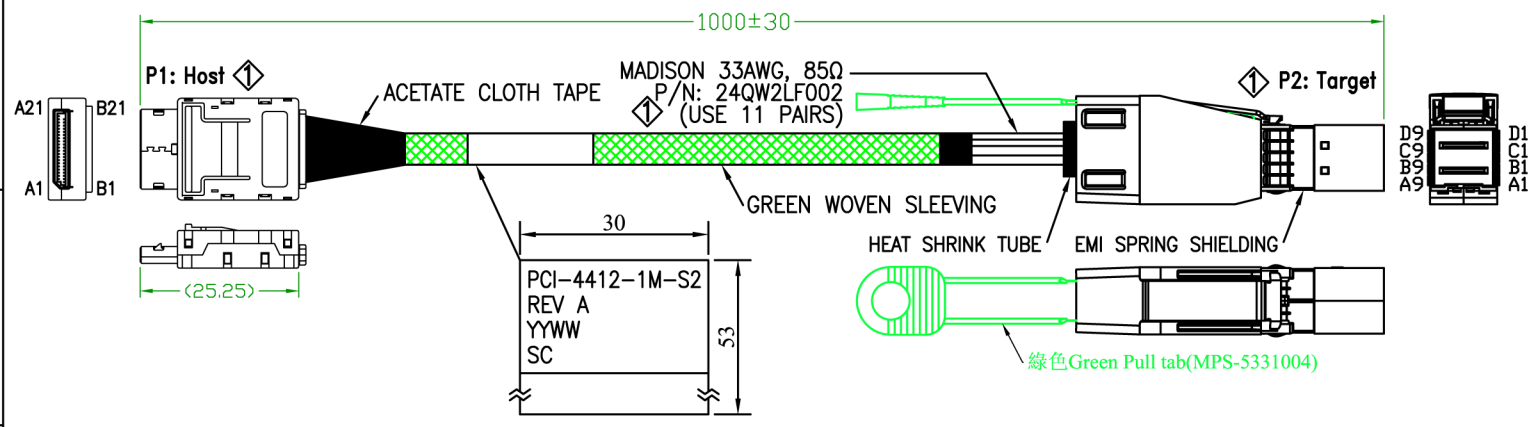


1	2	3	4	5	6	7	8	9
REV.	REMARK	DATE	SIGN.					
◇	CHANGED P1&P2, REVISE WIRING DIAGRAM	06/09/'17	Sino					

RoHS

◇ SFF-9402 Rev 0.7 WIRING DIAGRAM



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

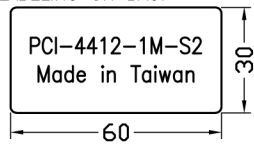
MATERIAL RoHS COMPLIANT:

- 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: 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
- P2: Mini SAS HD 4x for PCIe CABLE PLUG
  - P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS, WITHOUT CARBON  
(P/N: MPCB-060003LF REV.B / MPCB-060004LF REV.B)
  - LATCH: STAINLESS STEEL
  - BACKSHELL- ZINC DIE CASTING HOOD/ NICKEL PLATING
  - PULL TAB: NYLON UL94V-0, COLOR: GREEN(MPS-5331004)
  - EMI SPRING SHIELDING

3.LABELING ON BAG:



1	2	3	4	5	6	7	8	9		
DESC.	OCuLink STRAIGHT TO MiniSASHD 4x CABLE ASS'Y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm	⌀
P/N	B-5962	CUSTOMER P/N	PCI-4412-1M-S2	Sino		DATE	06/09/'17	DWG NO:	DWG\B\5962	