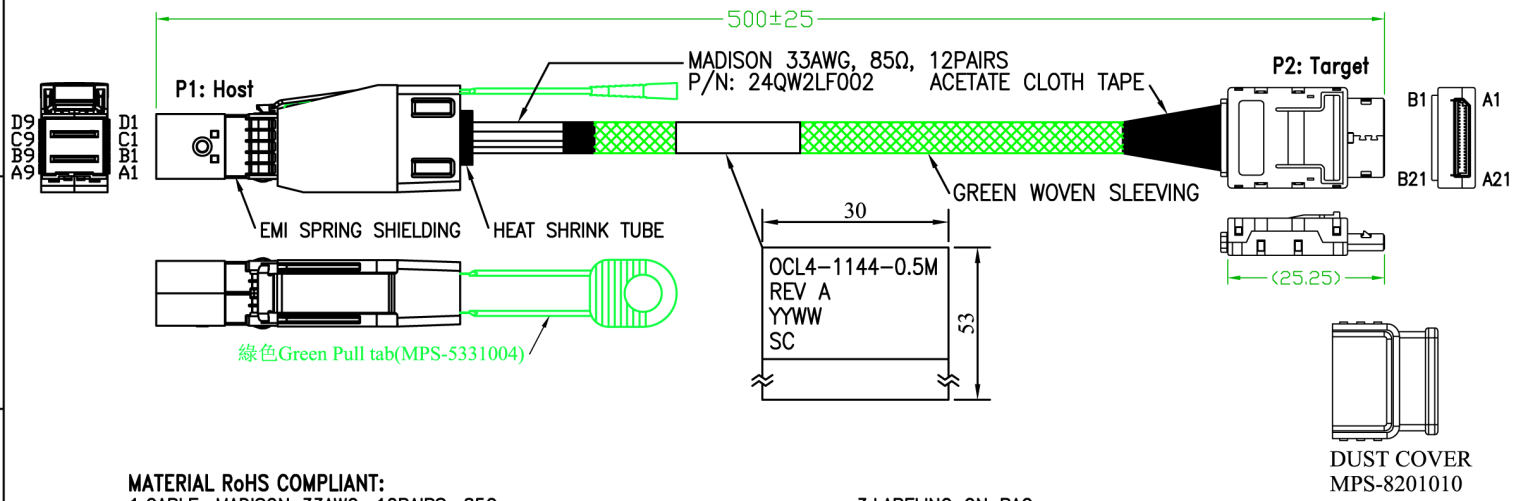
REV.	REMARK	DATE	SIGN.

RoHS



MATERIAL RoHS COMPLIANT:

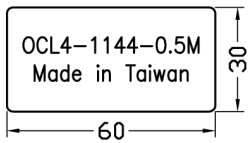
1.CABLE: MADISON 33AWG, 12PAIRS, 85Ω
- CONDUCTOR: 33AWG SOLID SILVER PLATED COPPER.
- INSULATION: POLYOLEFIN.
- PAIR: 2 SINGLES LAID FLAT AND PARALLEL.
- PAIR DRAIN WIRE: 33AWG SOLID TIN PLATED COPPER.
- PAIR SHIELD: METALLIC TAPE
- PAIR JACKET: POLYESTER TAPE
- DIFFERENTIAL IMPEDANCE: 85±5 OHMS @TDR

2.CONNECTOR:

P1: Mini SAS HD 4x for PCIe CABLE PLUG
- (1) P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS, WITHOUT CARBON (P/N: MPCB-060003LF REV.B / MPCB-060004LF REV.B)
- (2) LATCH: STAINLESS STEEL
- (3) BACKSHELL- ZINC DIE CASTING HOOD/ NICKEL PLATING
- (4) PULL TAB: NYLON UL94V-0, COLOR: GREEN(MPS-5331004)
- (5) EMI SPRING SHIELDING

P2: OCuLink STRAIGHT CABLE PLUG
- (1) P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS(SPCB-040162A)
- (2) BACKSHELLS: LCP UL94-V0, COLOR: BLACK.
- (3) LATCH: STAINLESS STEEL

3.LABELING ON BAG:



CUSTOMER WIRING DIAGRAM

CONTROLLER			BACKPLANE	
P1: Mini SAS HD 4x (HOST)			P2: OCuLink STRAIGHT (TARGET)	
PAD	SIGNAL		PAD	SIGNAL
A4	PERp3		B18	PETp3
A5	PERn3		B19	PETn3
A7	PERp0		B3	PETp0
A8	PERn0		B4	PETn0
B4	PERp2		B15	PETp2
B5	PERn2		B16	PETn2
B7	PERp1		B6	PETp1
B8	PERn1		B7	PETn1
C4	PETp3		A18	PERp3
C5	PETn3		A19	PERn3
C7	PETp0		A3	PERp0
C8	PETn0		A4	PERn0
D4	PETp2		A15	PERp2
D5	PETn2		A16	PERn2
D7	PETp1		A6	PERp1
D8	PETn1		A7	PERn1
A1	CLK_0_N		B13	REFCLKN0
A2	CLK_0_P		B12	REFCLKP0
C1	ATLAS_SCL		A9	OCU_CLK
C2	ATLAS_SDA		A10	OCU_SDA
D1	PERST#_0		A12	PERST0#
B2	PRESENT#		A13	PRSNT#
B1	DP_EN#_0		B9	BP TYPE&DP_EN#
D2	PERST#_1		B10	CAWKE_PERST1#
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	

*客供接點

DESC.	MiniSASHD 4x TO OCuLink STRAIGHT CABLE ASS'Y			APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm
P/N	B-6718	CUSTOMER P/N	OCL4-1144-0.5M			Sino		DATE	03/25/'19	DWG NO:	DWG\B\6718