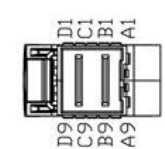
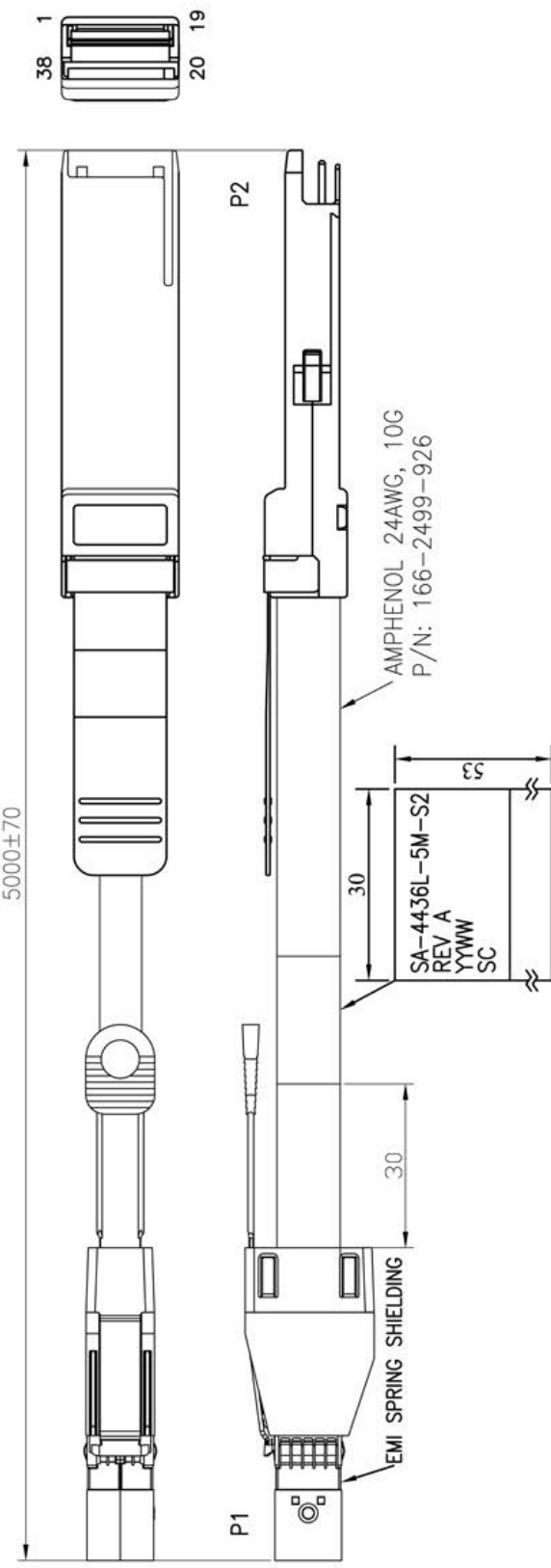


RoHS

REV.	REMARK	DATE	SIGN.

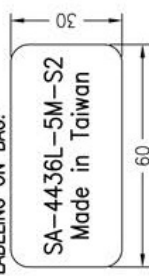
5000±70



MATERIAL RoHS COMPLIANT:

- CABLE:**
 - PAIR COMPONENT: CONDUCTOR: 24AWG SOLID SILVER PLATED. DRAIN WIRE: 27AWG SOLID TINNED COPPER. CORE: 8 PAIRS
 - PAIR SHIELD: ALUMINUM/POLYESTER TAPE. ALUMINUM SIDE FACING IN, 20% OVERLAP
 - INNER SHIELD: ALUMINUM/POLYESTER TAPE, ALUMINUM SIDE FACING OUT, 20% OVERLAP.
 - OUTER SHIELD: 36WG TIN PLATED COPPER BRAID, 85% COVERAGE.
 - DIAMETER: 9.91±0.381 MM NOMINAL, COLOR: BLACK
 - DIFFERENTIAL IMPEDANCE: 100±5 OHMS @TDR
 - MUTUAL CAPACITANCE: 42PF/M NOMINAL.
 - TIME DELAY: 4.25NS/M.
- CONNECTOR:**
 - P1: Mini SAS HD 4x CABLE PLUG(SFF-8644)
 - P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS, WITHOUT CARBON (P/N: MPCB-040117LF REVA / SPCB-040118A)
 - LATCH: STAINLESS STEEL
 - BACKSHELL: ZINC DIE CASTING HOOD/ NICKEL PLATING
 - PULL TAB: NYLON UL94V-0, COLOR: BLUE.
 - EMI SPRING SHIELDING
 - P2: 4x-Pluggable-QSFP(SFF-8436)
 - P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS.(SPCB-040112A, AC Coupling)
 - LATCH: STAINLESS STEEL WITH PULL TAB.
 - BACKSHELL: ZINC DIE CASTING HOOD/ NICKEL PLATING
- Mini SAS HD 4x TWO-WIRED SERIAL MEMORY: ATMEL AT24C02B EEPROM (256 BYTES).
- QSFP TWO-WIRED SERIAL MEMORY: ATMEL AT24C02B EEPROM (256 BYTES), DIGITAL MONITORING, CONTROL FUNCTION AND MEMORY PAGE NOT SUPPORTED.
- NO GUARANTEE, NO EYE-PATTERN TESTING REPORT AVAILABLE.

6. LABELING ON BAG:



DESC.	Mini SAS HD 4x to QSFP CABLE ASSY	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm
	P/N B-5296	CUSTOMER P/N SA-4436L-5M-S2		Sino			DATE	09/17/15	DWG NO: DWG\B\5296

1	2	3	4	5	6	7	8	9
REV. REMARK		DATE		SIGN.				

WIRING DIAGRAM

HIGH SPEED SIGNAL		P2(4x-Pluggable-QSFP)	
P1(Mini SAS HD 4x Plug)	SIGNAL	PAD	SIGNAL
A4	RX1+	03	TX2p
A5	RX1-	02	TX2n
A7	RX3+	06	TX4p
A8	RX3-	05	TX4n
B4	RX0+	36	TX1p
B5	RX0-	37	TX1n
B7	RX2+	33	TX3p
B8	RX2-	34	TX3n
C4	TX1+	22	RX2p
C5	TX1-	21	RX2n
C7	TX3+	25	RX4p
C8	TX3-	24	RX4n
D4	TX0+	17	RX1p
D5	TX0-	18	RX1n
D7	TX2+	14	RX3p
D8	TX2-	15	RX3n
GND GROUP	GND	GND GROUP	GND
Connector Shell		GND GROUP 01,04,07,13,16,19 20,23,26,32,35,38	
Connector Shell		Connector Shell	

LOW SPEED SIGNAL & POWER	
P1(Mini SAS HD 4x Plug)	SIGNAL
A1	Reserved
A2	IntL
B1	Vact
B2	ModPrsL
C1	SCL
C2	SDA
D1	Vact
D2	Vrman

P2(4x-Pluggable-QSFP)	
PAD	SIGNAL
08	ModSelL
09	ResetL
10	VccFx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMODE

*DC BLOCKING CAPS ON P2 RX END.



DESC.	Mini SAS HD 4x to QSFP CABLE ASS'Y
P/N	B-5296
CUSTOMER P/N	

DESIGNED	Sino
CHECKED	
APPROVED	
TOLERANCE	*
SCALE	
DATE	09/17/15
DWG NO:	DWG\B\5296

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