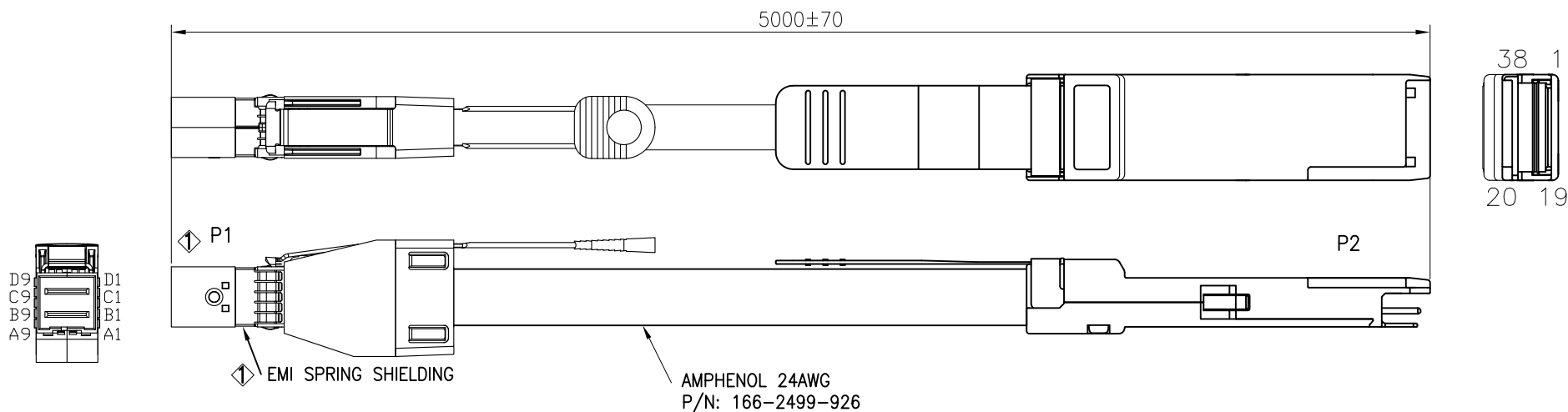


1	2	3	4	5	6	7	8	9
REV.	REMARK				DATE	SIGN.		
①	CHANGE CONNECTOR & PCB				01/31/'13	Sino		
②	UPGRADE FOR SAS 12G, USE AT24C02D EEPROM, REVISE CABLE PRINT LEGEND				11/05/'19	Sino		

RoHS



MATERIAL RoHS COMPLIANT:

1. 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

FINAL ASSEMBLY:

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.

PRINT LEGEND:

- ② AMPHENOL SPECTRA-STRIP<-S>* SKEWCLEAR® 8 PAIR
24 AWG EXF-11 (UL) 75°C CL2 FT4 RoHS COMPLIANT

2. CONNECTOR:

P1: Mini SAS HD 4x CABLE PLUG (SFF-8644)

(1) P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS, WITHOUT CARBON
(P/N: MPCB-040117LF REV.A / SPCB-040118A)

(2) LATCH: STAINLESS STEEL

(3) BACKSHELL: ZINC DIE CASTING HOOD/ NICKEL PLATING

(4) PULL TAB: NYLON UL94V-0, COLOR: BLUE.

(5) EMI SPRING SHIELDING

P2: 4x-Pluggable-QSFP(SFF-8436)

(1) P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS.(SPCB-040078A, AC Coupling)

(2) LATCH: STAINLESS STEEL WITH PULL TAB.

(3) BACKSHELL: ZINC DIE CASTING HOOD/ NICKEL PLATING

③ 3. Mini SAS HD 4x TWO-WIRED SERIAL MEMORY: ATMEL AT24C02D EEPROM (256 BYTES).

③ 4. QSFP TWO-WIRED SERIAL MEMORY: ATMEL AT24C02D EEPROM (256 BYTES),
DIGITAL MONITORING, CONTROL FUNCTION AND MEMORY PAGE NOT SUPPORTED.

③ 5. FOR SAS 12.0 Gbps.

6. LABELING ON BAG:

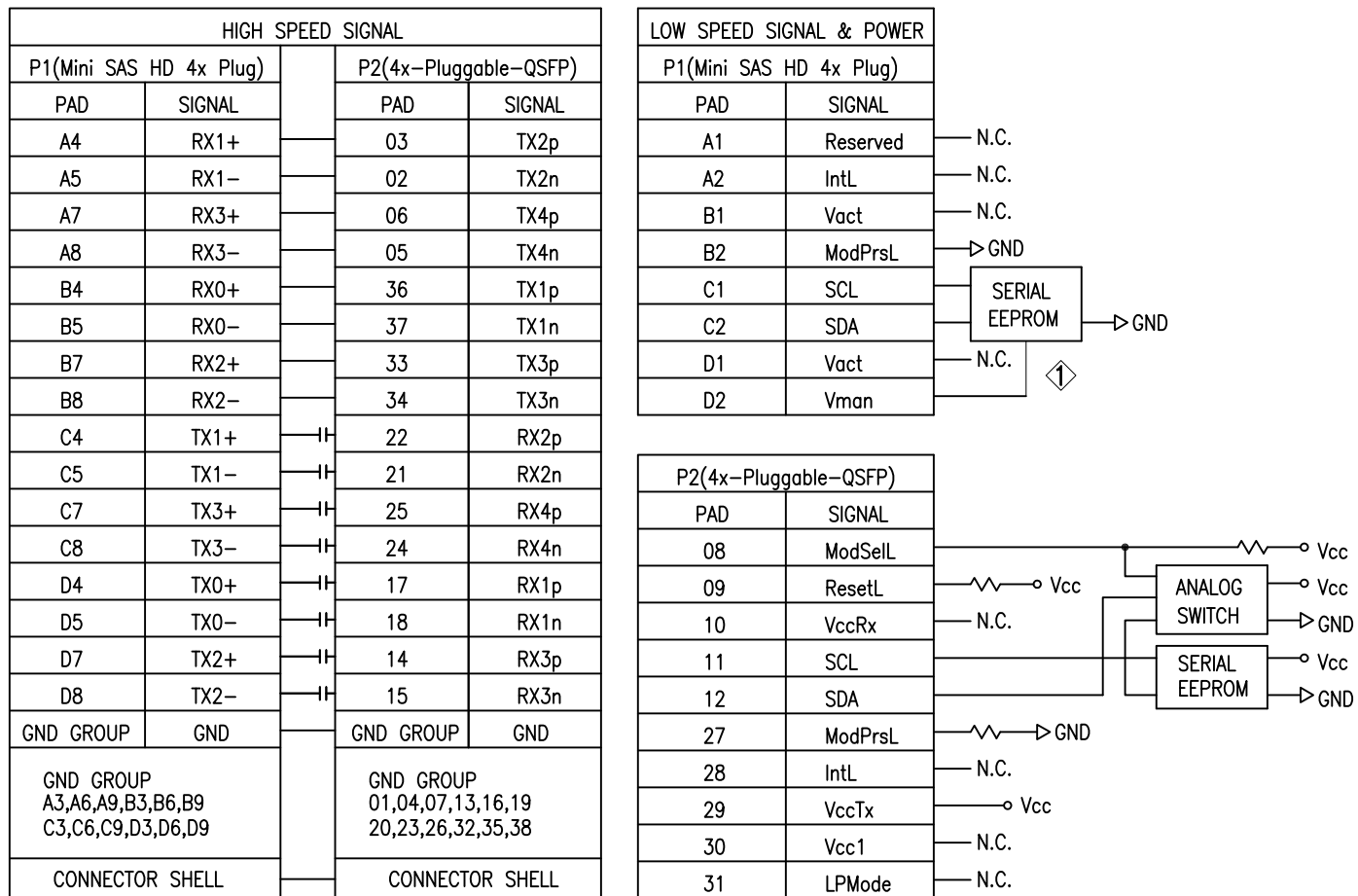
C5597-5M
MINISAS HD CABLE
LOT #XXX

Data Storage Cables

DESC.	Mini SAS HD 4x to QSFP CABLE ASS'Y				APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm	④
P/N	C5597-5M	CUSTOMER P/N					Sino		DATE	11/05/'19	DWG NO:		

REV.	REMARK	DATE	SIGN.
①	REVISE LOW SPEED SIGNAL & POWER	11/05/'19	Sino

WIRING DIAGRAM



*DC BLOCKING CAPS ON P2 RX END.

Data Storage Cables	DESC.	Mini SAS HD 4x to QSFP CABLE ASS'Y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm	
	P/N	C5597-5M	CUSTOMER P/N			Sino		DATE	11/05/'19	DWG NO:	