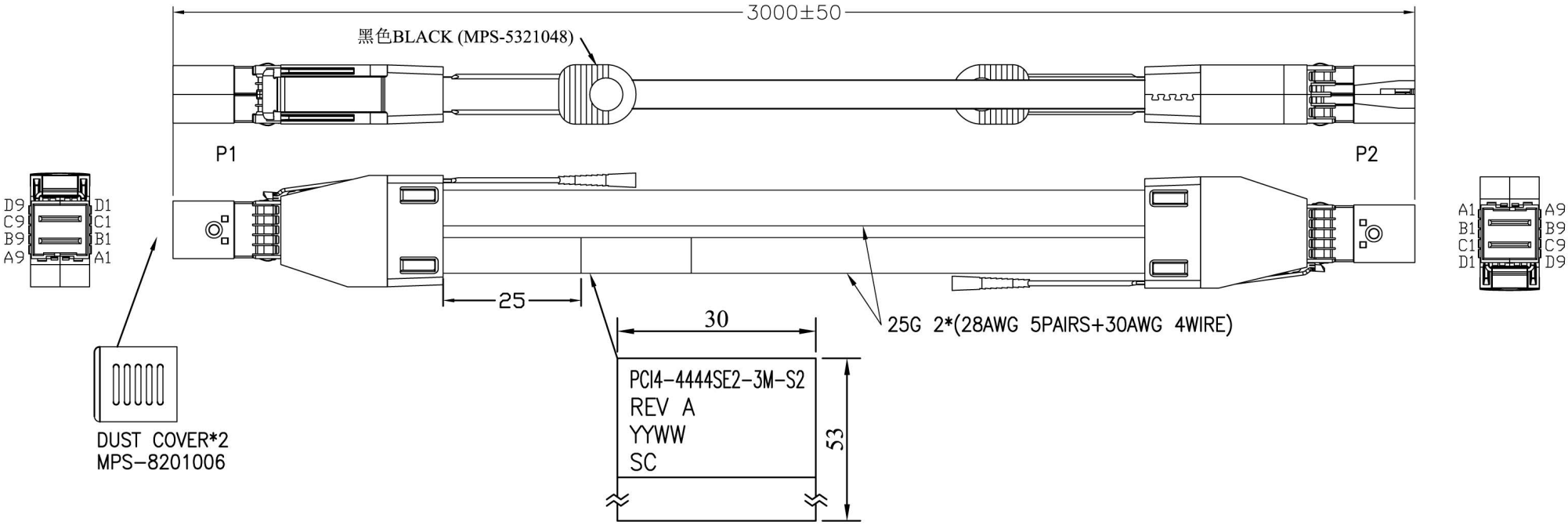
REV.	REMARK	DATE	SIGN.

RoHS



Material RoHS Compliant:

1.CABLE: 25G 2*(28AWG 5PAIRS+30AWG 4WIRE)

2.CONNECTOR:

P1,P2: Mini SAS HD 4x CABLE PLUG (SFF-8674)

(1) P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS (P/N: SPCB-040167A / SPCB-040168A, PCIe 100Ω)

(2) LATCH: STAINLESS STEEL

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

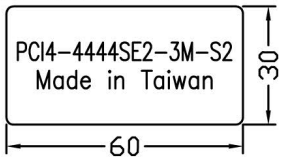
(4) PULL TAB: NYLON UL94V-0, COLOR: BLACK(MPS-5321048)

(5) EMI SPRING SHIELDING

3.FOR PCIe USE.

4.TWO-WIRED SERIAL MEMORY: ATMEL AT24C02D EEPROM (256 BYTES).

5.LABELING ON BAG:



SERIAL CABLES	DESC.	Mini SAS HD 4x*2 FOR PCIe CABLE ASS'Y			APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm
	P/N	B-6821	CUSTOMER P/N	PCI4-4444SE2-3M-S2			Sino		DATE	07/11/'19	DWG NO:	DWG\B\6821

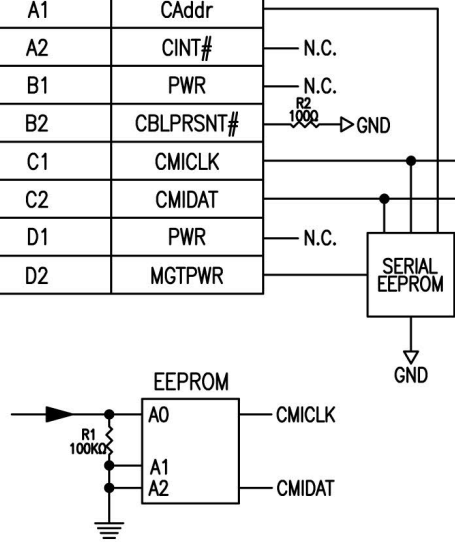
REV.	REMARK	DATE	SIGN.

CUSTOMER WIRING DIAGRAM *客製化接點

Mini SAS HD 4x Cable Plug P1	
PAD	SIGNAL
D8	TX2−
D7	TX2+
D5	TX0−
D4	TX0+
C4	TX1+
C5	TX1−
C7	TX3+
C8	TX3−
B8	RX2−
B7	RX2+
B5	RX0−
B4	RX0+
A4	RX1+
A5	RX1−
A7	RX3+
A8	RX3−
A3,A6,A9, B3,B6,B9, C3,C6,C9, D3,D6,D9.	GND
CONNECTOR SHELL	

Mini SAS HD 4x Cable Plug P2	
PAD	SIGNAL
B8	RX2−
B7	RX2+
B5	RX0−
B4	RX0+
A4	RX1+
A5	RX1−
A7	RX3+
A8	RX3−
D8	TX2−
D7	TX2+
D5	TX0−
D4	TX0+
C4	TX1+
C5	TX1−
C7	TX3+
C8	TX3−
A3,A6,A9, B3,B6,B9, C3,C6,C9, D3,D6,D9.	GND
CONNECTOR SHELL	

Mini SAS HD 4x Cable Plug P1	
PAD	SIGNAL
A1	CAddr
A2	CINT#
B1	PWR
B2	CBLPRSNT#
C1	CMICLK
C2	CMIDAT
D1	PWR
D2	MGTPWR



Mini SAS HD 4x Cable Plug P2	
PAD	SIGNAL
A1	CAddr
A2	CINT#
B1	PWR
B2	CBLPRSNT#
C1	CMICLK
C2	CMIDAT
D1	Power
D2	MGTPWR

SERIAL CABLES	DESC.	Mini SAS HD 4x*2 FOR PCIe CABLE ASS'Y		APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm
	P/N	B-6821	CUSTOMER P/N PCI4-4444SE2-3M-S2			Sino		DATE	07/11/'19	DWG NO:	DWG\B\6821

REV.	REMARK	DATE	SIGN.

PCI4-4444SE2-3M MEMORY MAP (Mini SAS HD 4x FOR PCIe)

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
0	0F	00	04	00	00	00	00	00	00	00	00	00	00	00	00	00	
1	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
2	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
3	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
4	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
5	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
6	00	00	00	00	00	00	00	00	00	00	00	00	00	39	00	87	
7	02	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
8	0F	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
9	00	00	03	A0	53	43	20	20	20	20	20	20	20	20	20	20	
A	20	20	20	20	00	00	00	00	50	43	49	34	2D	34	34	34	
B	34	53	45	32	2D	33	4D	20	46	20	@1.25G	@2.5G	@4.0G	@8.0G	46	chk01	SUM OF 80~BE
C	00	00	00	00	←							vendor	SN	→			
D	→				←		date	code	→		20	20	00	00	00	chk02	SUM OF C0~DE
E	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
F	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	

1. length: 03h = 3 meter
2. vendor name: SC
3. vendor PN: PCI4-4444SE2-3M
4. chk01: low order 8 bits of the sum of the contents of all the bytes from byte 80h to byte BEh, inclusive.
5. vendor SN: 16 bytes ASCII characters, left aligned and padded on the right with ASCII spaces (20h).
6. date code: 6 bytes ASII characters, in the format of YYMMDD.
7. chk02: low order 8 bits of the sum of the contents of all the bytes from byte C0h to byte DEh, inclusive.
8. attenuation: loss at 1.25GHz, 2.5GHz, 4.0GHz, 8.0GHz(by request).

SERIAL CABLES	DESC.	Mini SAS HD 4x*2 FOR PCIe CABLE ASS'Y		APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE *	UNIT mm
	P/N	B-6821	CUSTOMER P/N PCI4-4444SE2-3M-S2			Sino		DATE 07/11/'19	DWG NO: DWG\B\6821