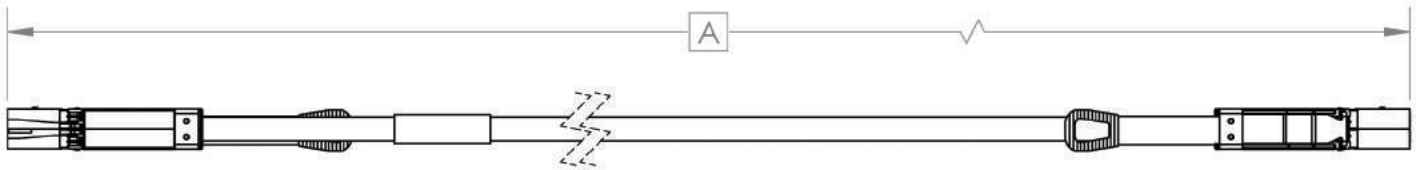
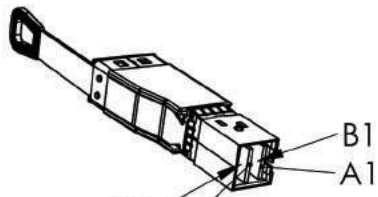
ACTION	INI	NAME	DATE
DRAWN		E.DIAZ	05/13/16
CHECKED			
APRROVED			

REVISIONS		
REV.	DESCRIPTION	DATE
C	RELEASE	05/13/16





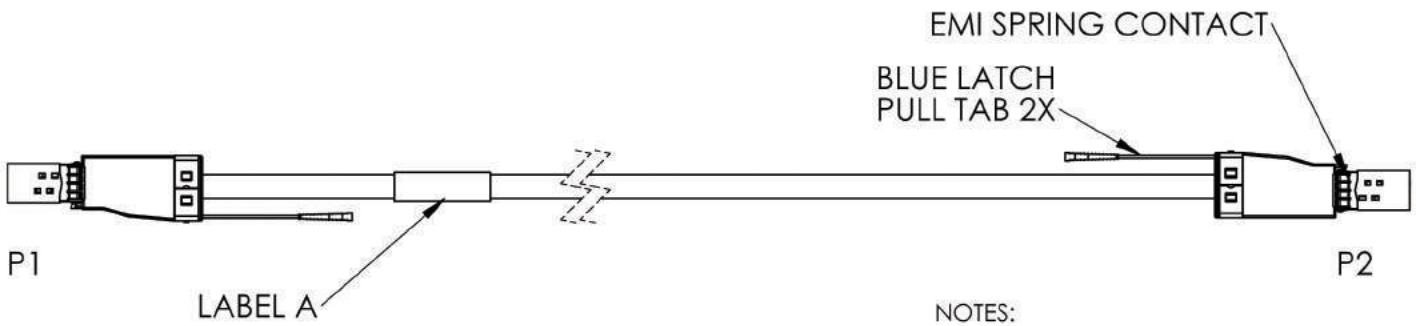


TABLE 1

ITEM NUMBER	"A" O/C LENGTH (mm)	LABEL A
01	300, +/-25 (12 in)	SA-4444L-0.3M-S2 REV C, (BARCODE), MMDDYY, CE

NOTES:

1. CABLE IS 8 SHIELDED 33 AWG PAIRS (100 OHM). LEONI PARALINK OR MADISON TURBOTWIN.
2. MINI-SAS 3.0 REV.6 12 GBIT DATA RATE MAX.COMPLIANT WITH SFF-8644.
3. EEPROM FOR SYSTEM CONFIGURATION PER SFF8636, SEE SHEET 3.
4. BARCODE WILL CONTAIN SHOP ORDER AND SERIAL OF CABLE.
5. BAG LABEL WILL CONTAIN PART NUMBER, REV, MADE IN MEXICO, AND QUANTITY.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN mm. TOLERANCES: X. ± 1. ∠ ± 1°

FINISH: 63

FSCM NO.

SERIAL CABLES

TITLE: Mini SAS HD 4x/Mini SAS HD 4x CABLE ASS'Y

SIZE A

DWG NO. SA-4444L-0.3M-S2

DO NOT SCALE DRAWING SCALE: NONE SHEET 1 OF 3

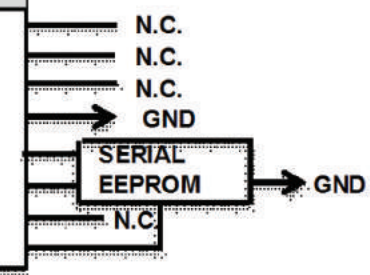
Signal Lanes

P1			P2	
Pad	Channel		Channel	Pad
A4	+Rx1		+Tx1	C4
A5	-Rx1		-TX1	C5
A7	+Rx3		+Tx3	C7
A8	-Rx3		-Tx3	C8
B4	+Rx0		+Tx0	D4
B5	-Rx0		-Tx0	D5
B7	+Rx2		+Tx2	D7
B8	-Rx2		-Tx2	D8
C4	+Tx1		+Rx1	A4
C5	-Tx1		-Rx1	A5
C7	+Tx3		+Rx3	A7
C8	-Tx3		-Rx3	A8
D4	+Tx0		+Rx0	B4
D5	-Tx0		-Rx0	B5
D7	+Tx2		+Rx2	B7
D8	-Tx2		-Rx2	B8
CASE GND			CASE GND	

GND GROUP 1:
P1 - A3, A6, A9, B3, B6, B9, P2 - C3, C6, C9, D3, D6, D9
GND GROUP 2:
P1 - C3, C6, C9, D3, D6, D9, P2 - A3, A6, A9, B3, B6, B9
Connector Shell — Connector Shell

Control PADS

LOW SPEED SIGNAL & POWER	
Pad	Signal
A1	Reserved
A2	IntL
B1	Vact
B2	ModPrsL
C1	SCL
C2	SDA
D1	Vact
D2	Vman



UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN mm.
TOLERANCES: X. ± 1.
∠ ± 1°
FINISH: 63

TITLE: Mini SAS HD 4x/Mini SAS HD 4x CABLE ASS'Y

FSCM NO.

SIZE A

DWG NO. SA-4444L-0.3M-S2

DO NOT SCALE DRAWING SCALE: NONE SHEET 2 OF 3

	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	00	38	00	
7	00	00	0	00	00	00	00	00	00	00	00	00	00	00	00	00	
8	0F	00	21	00	00	70	00	00	00	00	00	00	78	00	00	00	
9	00	00	01	A0	53	43	20	20	20	20	20	20	20	20	20	20	
A	20	20	20	20	00	00	00	00	53	41	2D	34	34	34	34	4C	
B	2D	30	2E	33	4D	2D	53	32	43	20	@2.5G	@5.0G	00	00	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: 01 = 0.3meter**
2. **vendor name: SC**
3. **vendor PN:SA-4444L-0.3M-S2**
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: 0xh=xxdB at 2.5GHz, 0xh=xxdb at 5.0GHz**

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN mm. TOLERANCES: X. ± 1. ∠ ± 1°

FINISH: 63

FSCM NO.

TITLE: Mini SAS HD 4x/Mini SAS HD 4x CABLE ASS'Y

SIZE A

DWG NO. SA-4444L-0.3M-S2

DO NOT SCALE DRAWING SCALE: NONE