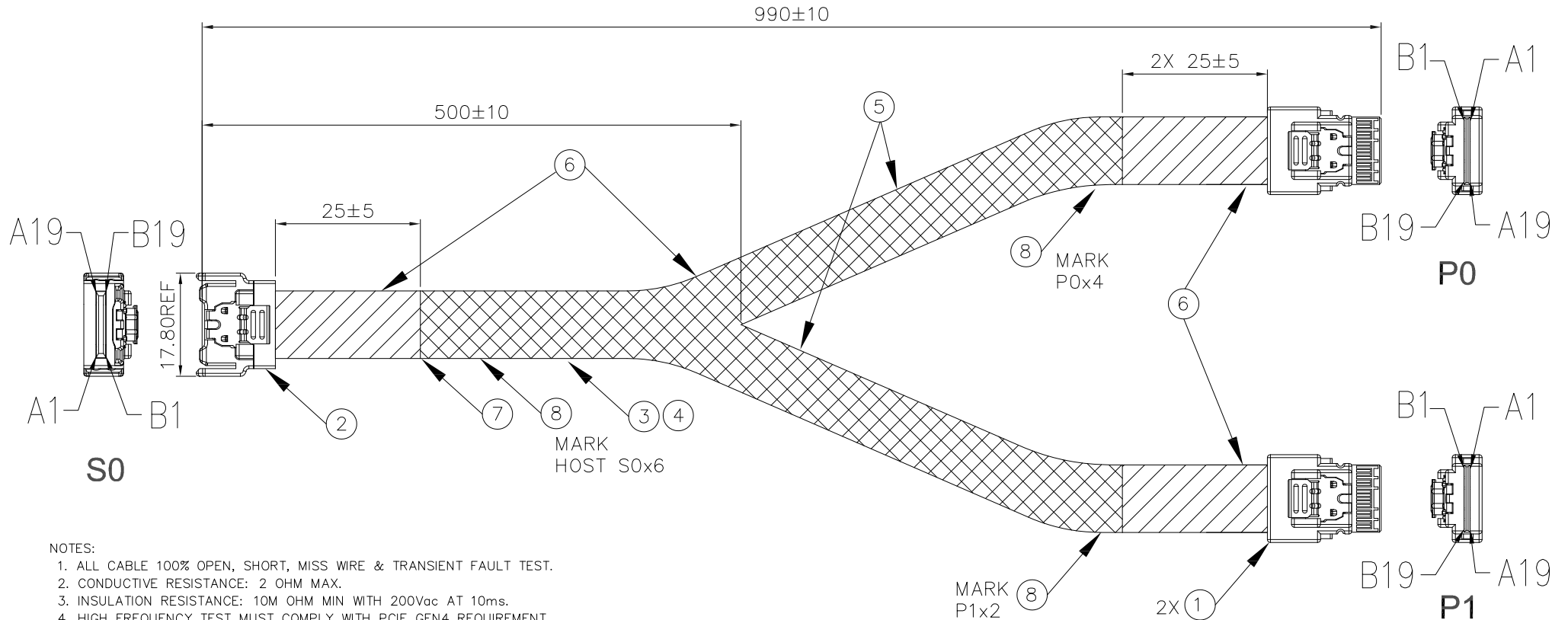


PROPOSAL DRAWING

REV. ECN. NO.	DESCRIPTION	ENG	DATE
X1	INITIAL	Bolin	05/31/21'



- NOTES:
1. ALL CABLE 100% OPEN, SHORT, MISS WIRE & TRANSIENT FAULT TEST.
 2. CONDUCTIVE RESISTANCE: 2 OHM MAX.
 3. INSULATION RESISTANCE: 10M OHM MIN WITH 200Vac AT 10ms.
 4. HIGH FREQUENCY TEST MUST COMPLY WITH PCIE GEN4 REQUIREMENT.
CONNECTOR IMPEDANCE: OHM NUMBER ±15 OHM
CABLE IMPEDANCE: OHM NUMBER ±10 OHM
 5. ALL MATERIAL AND PROCESS MUST BE MEET THE REQUIREMENT OF RoHS2.0
 6. ELECTRICAL AND MECHANICAL PERFORMANCE SHALL MEET PCIE GEN4 AND SAS 4.0 INDUSTRIAL SPECIFICATIONS.

8	LABEL	A/R	LABEL, 40*14MM, WHITE, R2, HF
7	LABEL	A/R	LABEL, 70*26MM, WHITE, R2, HF
6	ACETATE TAPE	A/R	ACETATE TAPE, W=1 INCH, BLACK
5	WEAVE	A/R	PLASTIC BRAID SLEEVE, PET, BLACK, OD:7MM, SINGLE SILK
4	WEAVE	A/R	PLASTIC BRAID SLEEVE, PET, BLACK, OD:10MM, SINGLE SILK
3	SAS CABLE	A/R	SAS 4.0 CABLE, UL1581 (32AWG*2C+2D)+AM, SILVER, 100Q
2	CONNECTOR	1PCS	SFF-TA-1016, 38P, STRAIGHT, X4, NO SIDE FLANGE, 100Q, PCIE GEN4,
1	CONNECTOR	2PCS	SFF-8654, 38P, STRAIGHT, X4, STANDARD, 100Q, PCIE GEN4,
ITEM	NAME	Q'TY	DESCRIPTION

GENERAL TOLERANCE	ANGLE TOLERANCE
X.± 0.50	X°± 5.0°
.X± 0.35	.X°± 3.0°
.XX± 0.25	.XX°± 2.0°
.XXX± 0.15	.XXX°± 1.0°
MATL	FINISH
SCALE N/A	UNIT mm
SHEET 1 OF 2	

DRAWN	DATE
Bolin	05/31/21'
CHECKED	DATE
APPROVED	DATE

TITLE: MCIO X4 ST TO SLIMSAS 2X4 ST L990	
PART NUMBER: 320-10445-01	
DRAWING NO. 320-10445	SIZE A4
REV. X1	

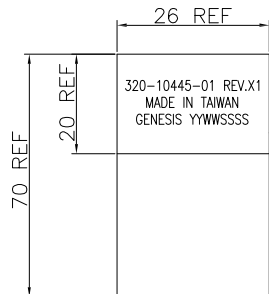


PROPOSAL DRAWING

CONNECTOR SIGNAL	CONNECTOR	PIN/PAD	CONNECTOR	PIN/PAD	CONNECTOR SIGNAL	WIRE/CABLE	NOTES
GROUND	S0 (HOST x6)	A1	P0 (x4)	B1	GROUND	ITEM3	
Rx0+		A2		B2	Tx0+	ITEM3	
Rx0-		A3		B3	Tx0-	ITEM3	
GROUND		A4		B4	GROUND	ITEM3	
Rx1+		A5		B5	Tx1+	ITEM3	
Rx1-		A6		B6	Tx1-	ITEM3	
GROUND		A7		B7	GROUND	ITEM3	NOTE1
			B8	SB7	NO CONNECT		
			B9	SB4	NO CONNECT		
			B10	GROUND	NO CONNECT		
			B11	SBA+	NO CONNECT		
			B12	SBA-	NO CONNECT		
GROUND		A13	B13	GROUND	ITEM3	NOTE1	
Rx2+		A14	B14	Tx2+	ITEM3		
Rx2-		A15	B15	Tx2-	ITEM3		
GROUND		A16	B16	GROUND	ITEM3		
Rx3+		A17	B17	Tx3+	ITEM3		
Rx3-		A18	B18	Tx3-	ITEM3		
GROUND		A19	B19	GROUND	ITEM3		
GROUND		B1	A1	GROUND	ITEM3		
Tx0+		B2	A2	Rx0+	ITEM3		
Tx0-		B3	A3	Rx0-	ITEM3		
GROUND		B4	A4	GROUND	ITEM3		
Tx1+		B5	A5	Rx1+	ITEM3		
Tx1-		B6	A6	Rx1-	ITEM3		
GROUND		B7	A7	GROUND	ITEM3	NOTE1	
			A8	SB0	NO CONNECT		
			A9	SB1	NO CONNECT		
			A10	GROUND	NO CONNECT		
			A11	SB5	NO CONNECT		
			A12	SB6	NO CONNECT		
GROUND		B13	A13	GROUND	ITEM3	NOTE1	
Tx2+		B14	A14	Rx2+	ITEM3		
Tx2-		B15	A15	Rx2-	ITEM3		
GROUND		B16	A16	GROUND	ITEM3		
Tx3+		B17	A17	Rx3+	ITEM3		
Tx3-		B18	A18	Rx3-	ITEM3		
GROUND		B19	A19	GROUND	ITEM3		

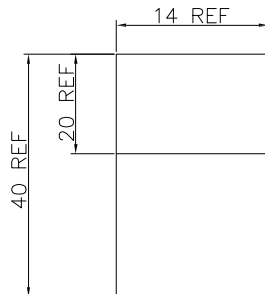
CONNECTOR SIGNAL	CONNECTOR	PIN/PAD	CONNECTOR	PIN/PAD	CONNECTOR SIGNAL	WIRE/CABLE	NOTES
GROUND	S0 (HOST x6)	A7	P1 (x2)	B1	GROUND	ITEM3	NOTE1
SB7A(Rx4+)		A8		B2	Tx0+	ITEM3	
SB4A(Rx4-)		A9		B3	Tx0-	ITEM3	
SB3A(GROUND)		A10		B4	GROUND	ITEM3	
SBA+(Rx5+)		A11		B5	Tx1+	ITEM3	
SBA-(Rx5-)		A12		B6	Tx1-	ITEM3	
GROUND		A13		B7	GROUND	ITEM3	NOTE1
			B8	SB7	ITEM3	NOTE1	
			B9	SB4	NO CONNECT		
			B10	GROUND	NO CONNECT		
			B11	SBA+	NO CONNECT		
			B12	SBA-	NO CONNECT		
			B13	GROUND	NO CONNECT		
			B14	Tx2+	NO CONNECT		
			B15	Tx2-	NO CONNECT		
			B16	GROUND	NO CONNECT		
			B17	Tx3+	NO CONNECT		
			B18	Tx3-	NO CONNECT		
			B19	GROUND	NO CONNECT		
GROUND		B7	A1	GROUND	ITEM3	NOTE1	
SB7B(Tx4+)		B8	A2	Rx0+	ITEM3		
SB4B(Tx4-)		B9	A3	Rx0-	ITEM3		
SB3B(GROUND)		B10	A4	GROUND	ITEM3		
SBB+(Tx5+)		B11	A5	Rx1+	ITEM3		
SBB-(Tx5-)		B12	A6	Rx1-	ITEM3		
GROUND		B13	A7	GROUND	ITEM3	NOTE1	
			A8	SB0	NO CONNECT		
			A9	SB1	NO CONNECT		
			A10	GROUND	NO CONNECT		
			A11	SB5	NO CONNECT		
			A12	SB6	NO CONNECT		
			A13	GROUND	NO CONNECT		
			A14	Rx2+	NO CONNECT		
			A15	Rx2-	NO CONNECT		
			A16	GROUND	NO CONNECT		
			A17	Rx3+	NO CONNECT		
			A18	Rx3-	NO CONNECT		
			A19	GROUND	NO CONNECT		

LABEL INFORMATION



FONT: ARIAL
HEIGHT: 2.0mm Min

LABEL INFORMATION



FONT: ARIAL
HEIGHT: 2.0mm Min

NOTES:

- PIN/PAD ON CONNECTOR S0 SHARED ON CONNECTORS P0 AND P1.



GENERAL TOLERANCE X.± 0.50 .X± 0.35 .XX± 0.25 .XXX± 0.15	ANGLE TOLERANCE X°± 5.0° .X°± 3.0° .XX°± 2.0° .XXX°± 1.0°	DRAWN Bolin	DATE 05/31/21'	
MATL		CHECKED	DATE	
FINISH		APPROVED		PART NUMBER 320-10445-01
SCALE <i>N/A</i>	UNIT <i>mm</i>	SHEET 2 OF 2		DRAWING NO. 320-10445
				SIZE <i>A4</i> REV. <i>X1</i>