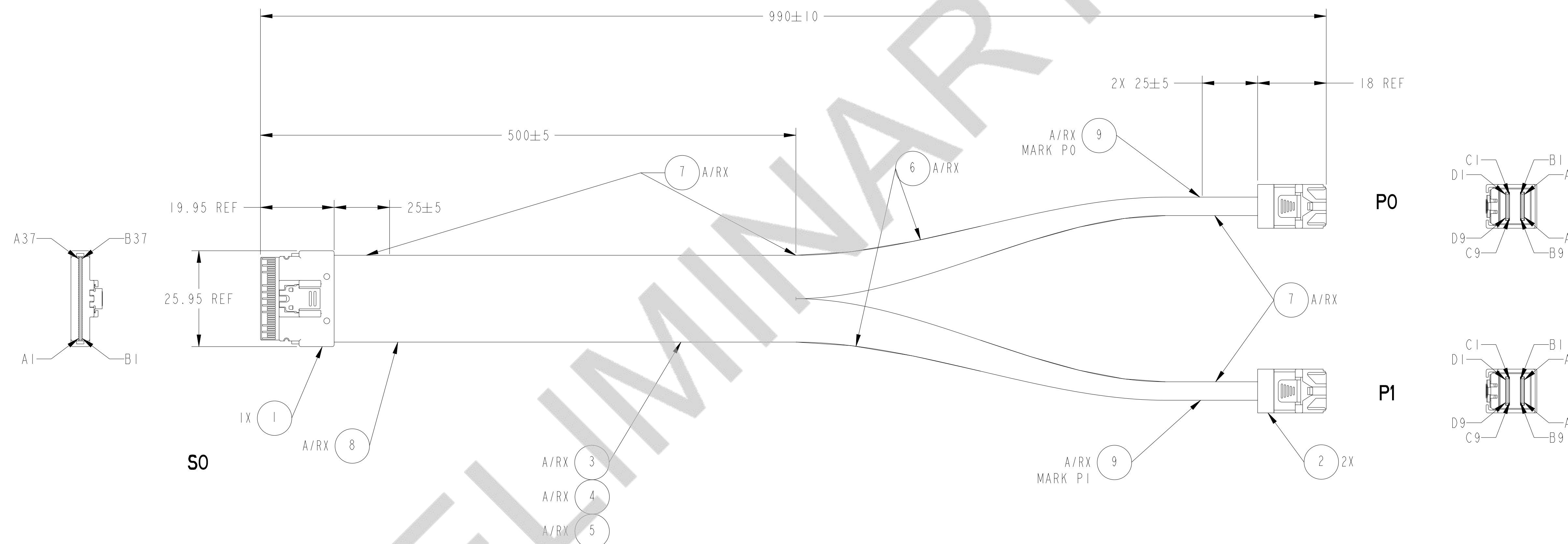


NOTES:

1. DRAWING NOT TO SCALE.
2. ELECTRICAL AND MECHANICAL PERFORMANCE SHALL MEET PCIE GEN 4 INDUSTRIAL STANDARDS.
3. MARK LABEL (ITEM 8) WITH:
SLIMSAS Y (PCIE ONLY)
PART NUMBER
REVISION XXX
DATE CODE DD/MM/YY
4. SEE SHEET 2 FOR CABLE WIRING TABLE AND RELATED NOTES.

REVISIONS				
REV	ECO	DESCRIPTION	DATE	APPROVED
001		PRELIMINARY RELEASE	09FEB18	B. LIMA



ITEM	CALLOUT	DESCRIPTION	QUANTITY	NOTES
9	LABEL	LABEL, 40X14MM, WHITE, R2, HF	A/R	
8	LABEL	LABEL, 70X26MM, WHITE, R2, HF	A/R	SEE NOTE 3
7	TAPE	ACETATE TAPE: W=1 INCH	A/R	
6	SLEEVING	EXPANDO TUBE: OD=7MM, GREEN, VW-1, HF	A/R	
5	SLEEVING	EXPANDO TUBE: OD=10MM, GREEN, VW-1, HF	A/R	
4	WIRE	UL1061, STRANDED	A/R	SEE NOTE 4
3	CABLE	SAS CABLE: UL20744, 32AWG, 92.5 OHM DIFF, PCIE GEN 4, VW-1, NATURAL, HF	A/R	SEE NOTE 4
2	CONNECTOR	SFF-8643, 36P, STRAIGHT, X4, WHITE, SHORT, PCIE GEN 4	2	SEE NOTE 4
1	CONNECTOR	SFF-8654, 74P, STRAIGHT, X8, SAS 4.0, PCIE GEN 4	1	SEE NOTE 4

APPROVALS		DATE	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS. TOLERANCES: X.X ± 0.2 MM X.XX ± 0.15 MM X.XXX ± 0.050 MM ANGLES ± 1°	BROADCOM®				
DRAWN BY	D. MONTGOMERY	05FEB18		TITLE CABLE, SFF-8654 X8 TO 2X SFF-8643 X4 (W), 1M	SIZE	DWG NO.	REV	SHEET
APPROVED BY	B. LIMA	09FEB18			D	5067-6862	001	1 OF 2
<small>Company Confidential © Copyright Broadcom Limited All Rights Reserved. Any copy is an uncontrolled copy. The possessor is responsible for verifying that the document's revision is current. Moreover, the possessor is responsible for removing obsolete documents from their point of use.</small>			SCALE 1.500					

CONNECTOR SIGNAL	CONNECTOR	PIN/PAD	CONNECTOR	PIN/PAD	CONNECTOR SIGNAL	WIRE/CABLE
GND	S0	A1	P0	D3	GND	ITEM 3
Rx0+		A2		D4	Tx0+	ITEM 3
Rx0-		A3		D5	Tx0-	ITEM 3
GND		A4		C3/D6	GND	ITEM 3, NOTE 2
Rx1+		A5		C4	Tx1+	ITEM 3
Rx1-		A6		C5	Tx1-	ITEM 3
GND		A7		C6	GND	ITEM 3
SB7A		A8			NC	NOTE 3
SB4A		A9			NC	
SB3A		A10		A3	GND	ITEM 3
SBA+		A11		A2	REFCLK+	ITEM 3
SBA-		A12		A1	REFCLK-	ITEM 3
GND		A13		D6	GND	ITEM 3
Rx2+		A14		D7	Tx2+	ITEM 3
Rx2-		A15		D8	Tx2-	ITEM 3
GND		A16		D9/C6	GND	ITEM 3, NOTE 2
Rx3+		A17		C7	Tx3+	ITEM 3
Rx3-		A18		C8	Tx3-	ITEM 3
GND		A19		C9	GND	ITEM 3
GND	B1	B3	GND	ITEM 3		
Tx0+	B2	B4	Rx0+	ITEM 3		
Tx0-	B3	B5	Rx0-	ITEM 3		
GND	B4	B6/A3	GND	ITEM 3, NOTE 2		
Tx1+	B5	A4	Rx1+	ITEM 3		
Tx1-	B6	A5	Rx1-	ITEM 3		
GND	B7	A6	GND	ITEM 3		
SB0A	B8	C1	2W_CLK	ITEM 4, NOTE 1		
SB1A	B9	C2	2W_SDA	ITEM 4, NOTE 1		
SB2A	B10	B1	GND	ITEM 4, NOTE 1		
SB5A	B11	B2	PERST#	ITEM 4, NOTE 1		
SB6A	B12		NC	NOTE 4		
GND	B13	B6	GND	ITEM 3		
Tx2+	B14	B7	RX2+	ITEM 3		
Tx2-	B15	B8	Rx2-	ITEM 3		
GND	B16	B9/A6	GND	ITEM 3, NOTE 2		
Tx3+	B17	A7	Rx3+	ITEM 3		
Tx3-	B18	A8	Rx3-	ITEM 3		
GND	B19	A9	GND	ITEM 3		
		D1	NC			
		D2	NC			

CONNECTOR SIGNAL	CONNECTOR	PIN/PAD	CONNECTOR	PIN/PAD	CONNECTOR SIGNAL	WIRE/CABLE
GND	S0	A19	P1	D3	GND	ITEM 3
Rx4+		A20		D4	Tx0+	ITEM 3
Rx4-		A21		D5	Tx0-	ITEM 3
GND		A22		C3/D6	GND	ITEM 3, NOTE 2
Rx5+		A23		C4	Tx1+	ITEM 3
Rx5-		A24		C5	Tx1-	ITEM 3
GND		A25		C6	GND	ITEM 3
SB7B		A26			NC	NOTE 5
SB4B		A27			NC	
SB3B		A28		A3	GND	ITEM 3
SBB+		A29		A2	REFCLK+	ITEM 3
SBB-		A30		A1	REFCLK-	ITEM 3
GND		A31		D6	GND	ITEM 3
Rx6+		A32		D7	Tx2+	ITEM 3
Rx6-		A33		D8	Tx2-	ITEM 3
GND		A34		D9/C6	GND	ITEM 3, NOTE 2
Rx7+		A35		C7	Tx3+	ITEM 3
Rx7-		A36		C8	Tx3-	ITEM 3
GND		A37		C9	GND	ITEM 3
GND	B19	B3	GND	ITEM 3		
Tx4+	B20	B4	Rx0+	ITEM 3		
Tx4-	B21	B5	Rx0-	ITEM 3		
GND	B22	B6/A3	GND	ITEM 3, NOTE 2		
Tx5+	B23	A4	Rx1+	ITEM 3		
Tx5-	B24	A5	Rx1-	ITEM 3		
GND	B25	A6	GND	ITEM 3		
SB0B	B26	C1	2W_CLK	ITEM 4, NOTE 1		
SB1B	B27	C2	2W_SDA	ITEM 4, NOTE 1		
SB2B	B28	B1	GND	ITEM 4, NOTE 1		
SB5B	B29	B2	PERST#	ITEM 4, NOTE 1		
SB6B	B30		NC	NOTE 6		
GND	B31	B6	GND	ITEM 3		
Tx6+	B32	B7	RX2+	ITEM 3		
Tx6-	B33	B8	Rx2-	ITEM 3		
GND	B34	B9/A6	GND	ITEM 3, NOTE 2		
Tx7+	B35	A7	Rx3+	ITEM 3		
Tx7-	B36	A8	Rx3-	ITEM 3		
GND	B37	A9	GND	ITEM 3		
		D1	NC			
		D2	NC			

NOTES:

1. END TO END RESISTANCE OF INDICATED CONNECTION SHALL BE 750 MILLIOHM MAX.
2. CONNECT SHIELD OF DIFFERENTIAL PAIR TO INDICATED PIN/PAD AND SHORT TO SECOND INDICATED PIN/PAD.
3. SHORT PIN/PAD S0-A8 TO S0-B9. NO DIRECT CONNECT S0-A8 TO CONNECTOR P0.
4. SHORT PIN/PAD S0-B12 TO S0-B10. NO DIRECT CONNECT S0-B12 TO CONNECTOR P0.
5. SHORT PIN/PAD S0-A26 TO S0-B27. NO DIRECT CONNECT S0-A26 TO CONNECTOR P1.
6. SHORT PIN/PAD S0-B30 TO S0-B28. NO DIRECT CONNECT S0-B30 TO CONNECTOR P1.

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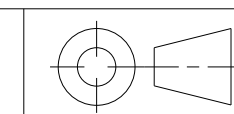
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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES:
X.X ± 0.2 MM
X.XX ± 0.15 MM
X.XXX ± 0.050 MM
ANGLES ± 1°



TITLE
CABLE, SFF-8654 X8 TO 2X
SFF-8643 X4 (W), 1M

SCALE
1.500



SIZE

D

DWG NO.

5067-6862

REV

001

SHEET

2 OF 2