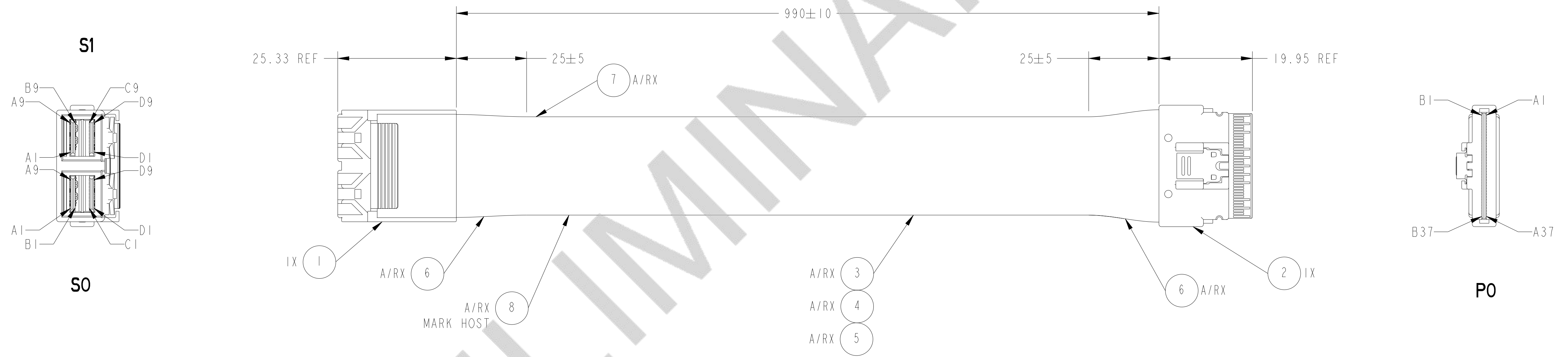


NOTES:

- DRAWING NOT TO SCALE.
- ELECTRICAL AND MECHANICAL PERFORMANCE SHALL MEET PCIE GEN 3 AND SAS3 INDUSTRIAL STANDARDS.
- MARK LABEL (ITEM 7) WITH:
 U.3 ENABLER TO SFF-9402
 BROADCOM PART NUMBER
 BROADCOM REVISION XXX
 DATE CODE DD/MM/YY

 SECONDARY MARKING WITH MANUFACTURER
 PART NUMBER AND REVISION ACCEPTABLE.
- SEE SHEET 2 FOR CABLE WIRING TABLE AND RELATED NOTES.

REVISIONS				
REV	ECO	DESCRIPTION	DATE	APPROVED
001		PRELIMINARY RELEASE	18SEP18	J. DUNCAN



ITEM	CALLOUT	DESCRIPTION	QUANTITY	NOTES
8	LABEL	LABEL, 40X14MM, WHITE, R2, HF	A/R	
7	LABEL	LABEL, 70X26MM, WHITE, R2, HF	A/R	SEE NOTE 3
6	TAPE	ACETATE TAPE: W=1 INCH	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, 28-32AWG, 100Ω DIFF, SAS3, VW-1, NATURAL, HF	A/R	
2	CONNECTOR	SFF-8654, 74P, STRAIGHT, X8	I	SEE NOTE 4
1	CONNECTOR	SFF-8643, 72P, STRAIGHT, X8, BLACK	I	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		13SEP18		TITLE CABLE, SFF-8643 X8 TO SFF-8654 X8, SFF-9402, 1M			
APPROVED BY J. DUNCAN		17SEP18					
<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 2.000	SIZE D	DWG NO. 5067-7306	REV 001	SHEET 1 OF 2


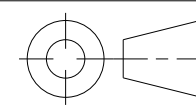
CONNECTOR SIGNAL	CONNECTOR (HOST)	PIN/PAD	CONNECTOR (TARGET)	PIN/PAD	CONNECTOR SIGNAL	WIRE/CABLE	NOTES
GND	SI	D9	P0	A25	GND	ITEM 3	
SI_TX2-		D8		A24	P0_Rx5-	ITEM 3	
SI_TX2+		D7		A23	P0_Rx5+	ITEM 3	
GND		D6		A22	GND	ITEM 3	NOTE 2, NOTE 3
GND		D6		A7	GND	ITEM 3	NOTE 2
SI_Tx0-		D5		A6	P0_Rx1-	ITEM 3	
SI_Tx0+		D4		A5	P0_Rx1+	ITEM 3	
GND		D3		A4	GND	ITEM 3	NOTE 2, NOTE 3
SI_SB6		D2		A30	P0_SB6B	ITEM 4	NOTE 1
GND		D3		B31	GND	ITEM 3	NOTE 2, NOTE 3
SI_SB5/-		D1		B30	P0_SB-B	ITEM 3	
SI_SB4/+		C1		B29	P0_SB+B	ITEM 3	
GND		C3		B28	GND/SB3B	ITEM 3	NOTE 2
				B27	P0_SB4B		
SI_SB2/5		C2		A29	P0_SB5B	ITEM 4	NOTE 1
GND		C3		A16	GND	ITEM 3	NOTE 2, NOTE 3
SI_Tx1+		C4		A17	P0_Rx3+	ITEM 3	
SI_Tx1-		C5		A18	P0_Rx3-	ITEM 3	
GND		C6		A19	GND	ITEM 3	NOTE 2, NOTE 3
GND		C6		A34	GND	ITEM 3	NOTE 2, NOTE 3
SI_Tx3+		C7		A35	P0_Rx7+	ITEM 3	
SI_Tx3-		C8		A36	P0_Rx7-	ITEM 3	
GND		C9		A37	GND	ITEM 3	
GND		B9		B25	GND	ITEM 3	
SI_Rx2-		B8		B24	P0_Tx5-	ITEM 3	
SI_Rx2+		B7		B23	P0_Tx5+	ITEM 3	
GND		B6		B22	GND	ITEM 3	NOTE 2, NOTE 3
GND		B6		B7	GND	ITEM 3	NOTE 2
SI_Rx0-		B5		B6	P0_Tx1-	ITEM 3	
SI_Rx0+		B4		B5	P0_Tx1+	ITEM 3	
GND		B3		B4	GND	ITEM 3	NOTE 3
SI_SBI		B2		A27	P0_SBI B	ITEM 4	NOTE 1
SI_SB3		B1		A28	GND/SB2B	ITEM 4	NOTE 1
SI_SB7		A1		B26	P0_SB7B	ITEM 4	NOTE 1
SI_SB0		A2		A26	P0_SB0B	ITEM 4	NOTE 1
GND		A3		B16	GND	ITEM 3	NOTE 3
SI_Rx1+		A4		B17	P0_Tx3+	ITEM 3	
SI_Rx1-		A5		B18	P0_Tx3-	ITEM 3	
GND		A6		B19	GND	ITEM 3	NOTE 2, NOTE 3
GND		A6		B34	GND	ITEM 3	NOTE 2, NOTE 3
SI_Rx3+		A7		B35	P0_Tx7+	ITEM 3	
SI_Rx3-		A8		B36	P0_Tx7-	ITEM 3	
GND		A9		B37	GND	ITEM 3	

CONNECTOR SIGNAL	CONNECTOR (HOST)	PIN/PAD	CONNECTOR (TARGET)	PIN/PAD	CONNECTOR SIGNAL	WIRE/CABLE	NOTES
GND	S0	D9	P0	A22	GND	ITEM 3	NOTE 3
S0_TX2-		D8		A21	P0_Rx4-	ITEM 3	
S0_TX2+		D7		A20	P0_Rx4+	ITEM 3	
GND		D6		A19	GND	ITEM 3	NOTE 2, NOTE 3
GND		D6		A4	GND	ITEM 3	NOTE 2, NOTE 3
S0_Tx0-		D5		A3	P0_Rx0-	ITEM 3	
S0_Tx0+		D4		A2	P0_Rx0+	ITEM 3	
GND		D3		A1	GND	ITEM 3	NOTE 2
S0_SB6		D2		A12	P0_SB6A	ITEM 4	NOTE 1
GND		D3		B13	GND	ITEM 3	NOTE 2, NOTE 3
S0_SB5/-		D1		B12	P0_SB-A	ITEM 3	
S0_SB4/+		C1		B11	P0_SB+A	ITEM 3	
GND		C3		B10	GND/SB3A	ITEM 3	NOTE 2
				B9	P0_SB4A		
S0_SB2/5		C2		A11	P0_SB5A	ITEM 4	NOTE 1
GND		C3		A13	GND	ITEM 3	NOTE 2
S0_Tx1+		C4		A14	P0_RX2+	ITEM 3	
S0_Tx1-		C5		A15	P0_Rx2-	ITEM 3	
GND		C6		A16	GND	ITEM 3	NOTE 2, NOTE 3
GND		C6		A31	GND	ITEM 3	NOTE 2
S0_Tx3+		C7		A32	P0_RX6+	ITEM 3	
S0_Tx3-		C8		A33	P0_Rx6-	ITEM 3	
GND		C9		A34	GND	ITEM 3	NOTE 3
GND		B9		B22	GND	ITEM 3	NOTE 3
S0_Rx2-		B8		B21	P0_Tx4-	ITEM 3	
S0_Rx2+		B7		B20	P0_Tx4+	ITEM 3	
GND		B6		B19	GND	ITEM 3	NOTE 2, NOTE 3
GND		B6		B4	GND	ITEM 3	NOTE 2, NOTE 3
S0_Rx0-		B5		B3	P0_Tx0-	ITEM 3	
S0_Rx0+		B4		B2	P0_Tx0+	ITEM 3	
GND		B3		B1	GND	ITEM 3	
S0_SBI		B2		A9	P0_SBI A	ITEM 4	NOTE 1
S0_SB3		B1		A10	GND/SB2A	ITEM 4	NOTE 1
S0_SB7		A1		B8	P0_SB7A	ITEM 4	NOTE 1
S0_SB0		A2		A8	P0_SB0A	ITEM 4	NOTE 1
GND		A3		B13	GND	ITEM 3	NOTE 3
S0_Rx1+		A4		B14	P0_Tx2+	ITEM 3	
S0_Rx1-		A5		B15	P0_Tx2-	ITEM 3	
GND		A6		B16	GND	ITEM 3	NOTE 2, NOTE 3
GND		A6		B31	GND	ITEM 3	NOTE 2, NOTE 3
S0_Rx3+		A7		B32	P0_Tx6+	ITEM 3	
S0_Rx3-		A8		B33	P0_Tx6-	ITEM 3	
GND		A9		B34	GND	ITEM 3	NOTE 3

PRELIMINARY

NOTES:

1. END TO END RESISTANCE OF INDICATED CONNECTION SHALL BE 750 MILLIOHM MAX.
2. SHARED PIN/PAD ON HOST CONNECTOR (S0/S1) END.
3. SHARED PIN/PAD ON TARGET CONNECTOR (P0) END.

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-8643 X8 TO SFF-8654 X8, SFF-9402, IM	
SCALE 2.000		SIZE D	DWG NO. 5067-7306
		REV 001	SHEET 2 OF 2

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