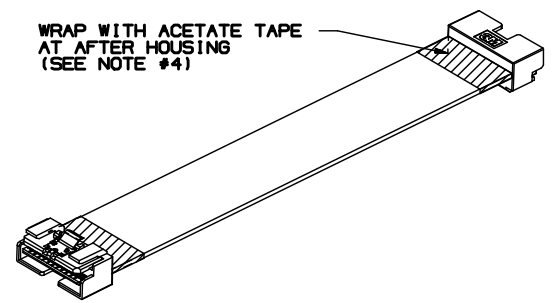
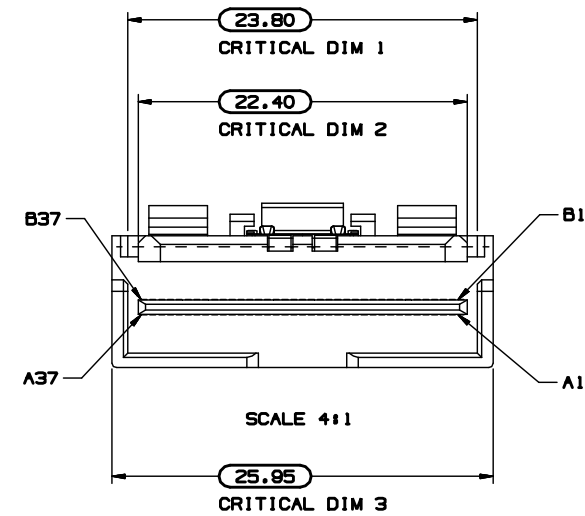
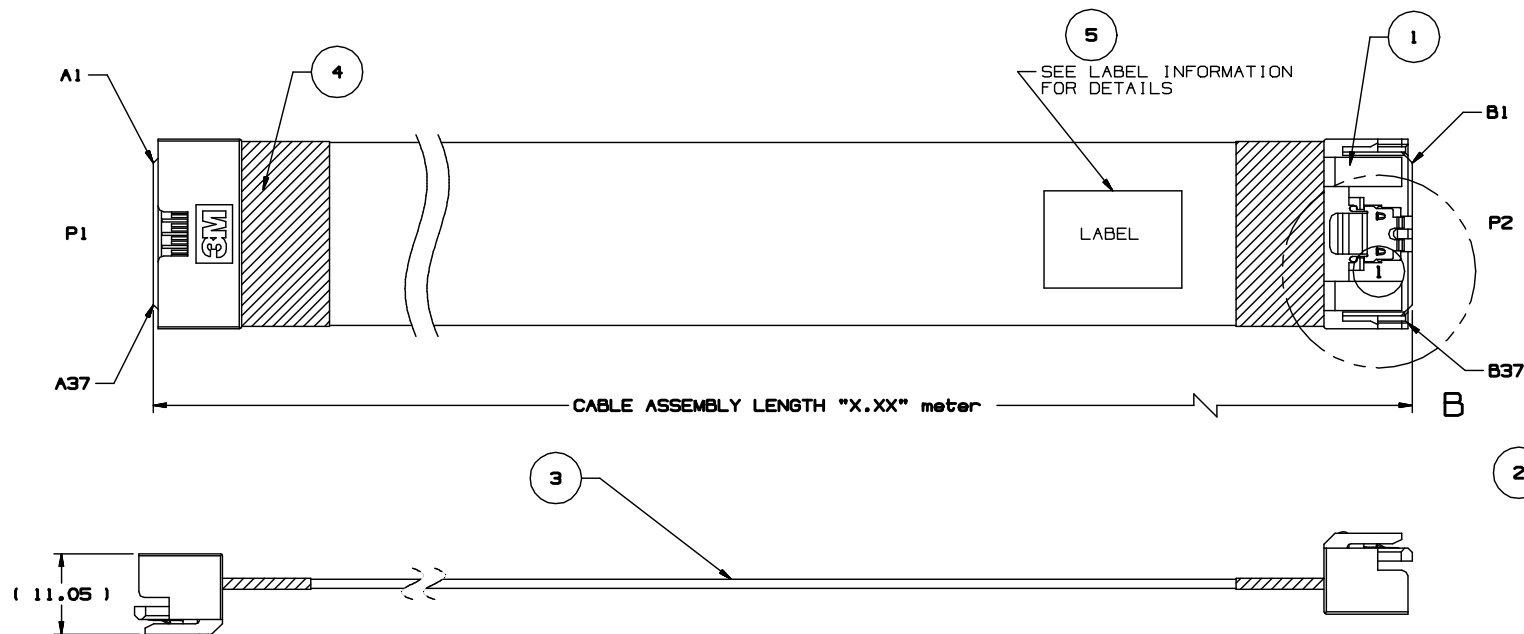


3M™ LOW PROFILE I/O TWIN AXIAL CABLE ASSEMBLY



P1 LP1/0		P2 LP1/0		P1 LP1/0		P2 LP I/O
A1	GND	B1		B1	GND	A1
A2	TX0+	B2		B2	RX0+	A2
A3	TX0-	B3		B3	RX0-	A3
A4	GND	B4		B4	GND	A4
A5	TX1+	B5		B5	RX1+	A5
A6	TX1-	B6		B6	RX1-	A6
A7	GND	B7		B7	GND	A7
A8	TX2+	B8		B8	RX2+	A8
A9	TX2-	B9		B9	RX2-	A9
A10	GND	B10		B10	GND	A10
A11	TX3+	B11		B11	RX3+	A11
A12	TX3-	B12		B12	RX3-	A12
A13	GND	B13		B13	GND	A13
A14	TX4+	B14		B14	RX4+	A14
A15	TX4-	B15		B15	RX4-	A15
A16	GND	B16		B16	GND	A16
A17	TX5+	B17		B17	RX5+	A17
A18	TX5-	B18		B18	RX5-	A18
A19	GND	B19		B19	GND	A19
A20	TX6+	B20		B20	RX6+	A20
A21	TX6-	B21		B21	RX6-	A21
A22	GND	B22		B22	GND	A22
A23	TX7+	B23		B23	RX7+	A23
A24	TX7-	B24		B24	RX7-	A24
A25	GND	B25		B25	GND	A25
A26	TX8+	B26		B26	RX8+	A26
A27	TX8-	B27		B27	RX8-	A27
A28	GND	B28		B28	GND	A28
A29	TX9+	B29		B29	RX9+	A29
A30	TX9-	B30		B30	RX9-	A30
A31	GND	B31		B31	GND	A31
A32	TX10+	B32		B32	RX10+	A32
A33	TX10-	B33		B33	RX10-	A33
A34	GND	B34		B34	GND	A34
A35	TX11+	B35		B35	RX11+	A35
A36	TX11-	B36		B36	RX11-	A36
A37	GND	B37		B37	GND	A37

Regulatory: For regulatory information about this product, visit 3M.com/regs or contact your 3M representative.

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Electronics Materials Solutions Division
13011 McCallen Pass, Bldg. C
Austin, TX 78753-5380
1-800-225-5373
www.3M.com/interconnect

NOTES:

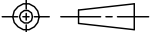
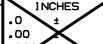
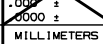
1. PADDLECARD PLATING:
30μ" MIN. GOLD PLATING
50μ" MIN. NICKEL UNDERPLATING.
2. UNLESS OTHERWISE NOTED, REFERENCES TO INDUSTRY SPECIFICATIONS ARE INTENDED TO INDICATE SUBSTANTIAL COMPLIANCE TO THE MATERIAL ELEMENTS OF THE SPECIFICATION. SUCH REFERENCE SHOULD NOT BE CONSTRUED AS A GUARANTEE OF COMPLIANCE TO ALL REQUIREMENTS IN A GIVEN SPECIFICATION.
3. CLOTH TAPE WRAPPED AROUND CABLE RIBBONS AT BACK OF EACH CONNECTOR. ALSO, UP TO TWO ADDITIONAL TAPE PIECES WILL BE WRAPPED AROUND THE TWO CABLE RIBBONS SPACED EQUIDISTANT FROM THE CONNECTOR ENDS AND EACH OTHER, DEPENDING ON ASS'Y LENGTH (L):
L <= 0.2M: NO ADDITIONAL TAPE
0.2M < L <= 0.6M: 1 TAPE WRAP
0.6M < L <= 1.0M: 2 TAPE WRAP
4. TWO RIBBONS OF 3M RIBBON TWIN AXIAL CABLE,
SL6802/24-CYEN5-00
B5 OHM, 31AWG, 12PR
MEET HORIZONTAL SPECIMEN APPLICANCE
- WIRE FLAME TEST IN SECTION 1090 OF UL 1581 STANDARD.
5. THIS CABLE CONSTRUCTION HAS A THIN ALUMINUM LAYER AT EACH EDGE. USER SHOULD EVALUATE ITS USE IN THEIR APPLICATION AND, IF NECESSARY, INSULATING TAPE MAY BE APPLIED TO COVER THE ALUMINUM LAYER, AS USER DEEMS APPROPRIATE.
6. LENGTH TOLERANCE:
±5MM FOR LENGTH <= 0.5 METERS
±10MM FOR LENGTH > 0.5 METERS.

BCS8-1AG21-1.00
REV A
DATE CODE: WWYY

LABEL INFORMATION

ITEM	3M PART NUMBER	LENGTH "X.XX" meter	REMARKS
1	8CS8-1AG21-0.50	0.50	MIN PCIe G4, BX
2	8CS8-1AG21-0.75	0.75	MIN PCIe G4, BX
3	8CS8-1AG21-1.00	1.00	MIN PCIe G4, BX
4	8CS8-1AG21-X.XX	OTHER LENGTHS	CONTACT 3M SALES

TABLE 1 : BILL OF MATERIALS			
ITEM #	ITEM	DESCRIPTION	QTY
1	CONNECTOR	LOW PROFILE I/O PLUG, STRAIGHT, OVERMOLDED	2
2	PCB	PADDLECARD, 1mm SUFFIX G2- 3M PN: 78-9102-7893-2	2
3	CABLE	RIBBON TWINAX CABLE 3M PN:SL8802/24-CYEN5-00 3M DWG: 78-9102-4601-2	AR
4	TAPE	BLACK ACETATE TAPE, HF	AR
5	LABEL	CABLE ASSEMBLY DESIGNATOR LABEL	1

A		0094206		JAN 14, 2021		RL		RL					
				New Release									
DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO		ISSUE DATE AND DESCRIPTION		DRFT		CHKD	
ACCESS CODES				REV		DATE		JAN 14, 2021		US		DATE	
				CHD		DATE		JAN 14, 2021		SS		DATE	
DIVISION				DIVISION CODE				DATE		JAN 14, 2021		DATE	
DO NOT SCALE DRAWING		SCALE 2 1		TOLERANCES EXCEPT AS NOTED		3M		3M Center St. Paul, MN 55144		© 3M COPYRIGHT 2020 This document and the information it contains are 3M property and may not be reproduced or further disseminated without the prior written consent of or disclosed other than 3M authorized purposes. All rights reserved.			
 THIRD ANGLE PROJECTION		 INCHES 0.000 ± 0.000 ± 0.000 ± 0.000 ±		 MILLIMETERS 0 ±.0 0 ±.5 0.00 ±.013 0.000 ±.005		TITLE		LOW PROFILE I/O STD CABLE ASSY DWG/ TS-2723					
INTERPRET PER ASME Y14.5 - 2018		MAX SURFACE ROUGHNESS 125 <input checked="" type="checkbox"/> ALL SURFACES <input type="checkbox"/> MARKED ONLY		ANGLES ± .005		CABE NUMBER 578-5100-2723-4		SIZE D		DRAWING NO. 578-5100-2723-4		REV. A	
125 <input checked="" type="checkbox"/> ALL SURFACES <input type="checkbox"/> MARKED ONLY						MODEL DEF		TESTS YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		SHT 1 OF 1			

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3M:

[8CS8-1AG21-0.50](#) [8CS8-1AG21-0.75](#) [8CS8-1AG21-1.0](#)