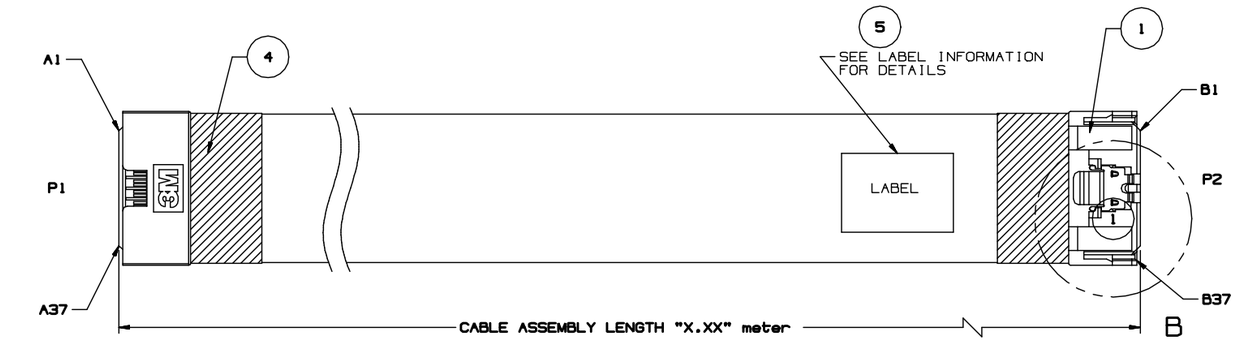
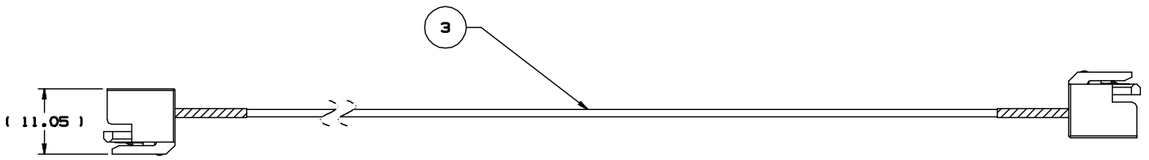
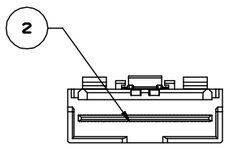
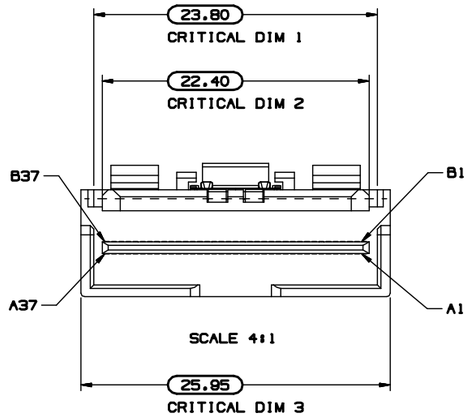
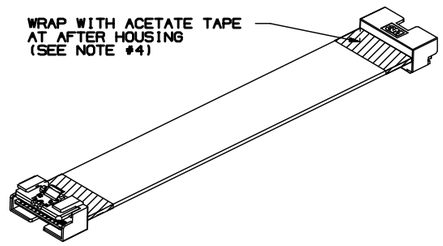
3M™ LOW PROFILE I/O TWIN AXIAL CABLE ASSEMBLY









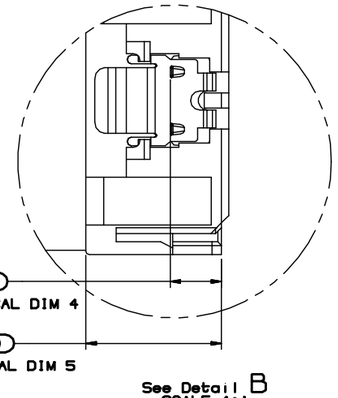


P1 LP1/O		P2 LP1/O
A1	GND	B1
A2	TX0+	B2
A3	TX0-	B3
A4	GND	B4
A5	TX1+	B5
A6	TX1-	B6
A7	GND	B7
A8	TX2+	B8
A9	TX2-	B9
A10	GND	B10
A11	TX3+	B11
A12	TX3-	B12
A13	GND	B13
A14	TX4+	B14
A15	TX4-	B15
A16	GND	B16
A17	TX5+	B17
A18	TX5-	B18
A19	GND	B19
A20	TX6+	B20
A21	TX6-	B21
A22	GND	B22
A23	TX7+	B23
A24	TX7-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

P1 LP1/O		P2 LP I/O
B1	GND	A1
B2	RX0+	A2
B3	RX0-	A3
B4	GND	A4
B5	RX1+	A5
B6	RX1-	A6
B7	GND	A7
B8	RX2+	A8
B9	RX2-	A9
B10	GND	A10
B11	RX3+	A11
B12	RX3-	A12
B13	GND	A13
B14	RX4+	A14
B15	RX4-	A15
B16	GND	A16
B17	RX5+	A17
B18	RX5-	A18
B19	GND	A19
B20	RX6+	A20
B21	RX6-	A21
B22	GND	A22
B23	RX7+	A23
B24	RX7-	A24
B25	GND	AA5
B26	RX8+	A26
B27	RX8-	A27
B28	GND	A28
B29	RX9+	A29
B30	RX9-	A30
B31	GND	A31
B32	RX10+	A32
B33	RX10-	A33
B34	GND	A34
B35	RX11+	A35
B36	RX11-	A36
B37	GND	A37

8CS8-1AG21-1.00
REV A
DATE CODE: WWYY

LABEL INFORMATION



See Detail B
SCALE 4:1

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

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

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3M Company
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 CONSTUED AS A GUARANTEE OF COMPLIANCE TO ALL REQUIREMETNS 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.
   SL8802/24-CYEN5-00
   85 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.

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
A	0094208	JAN 14,2021 New Release	RL	RL

DESIGN REFERENCE | NEXT ASSEMBLY | ADDED CODES | DIVISION | DIVISION CODE

DRFT RL DATE JAN 14,2021 | MFG JB DATE JAN 14,2021
CHKD RL DATE JAN 14,2021 | APPVL SB DATE JAN 14,2021

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3M Center, St. Paul, MN 55144

DO NOT SCALE DRAWING | SCALE 2/1

TOLERANCES EXCEPT AS NOTED
INCHES: .0 ± | .00 ± | .000 ± | .0000 ±
MILLIMETERS: 0 ±2 | .0 ±.5 | .00 ±0.13 | .000 ±.005
ANGLES ±1°

THIRD ANGLE PROJECTION

INTERPRET PER ASME Y14.5 - 2018

MAX SURFACE ROUGHNESS 125 ☐ ALL SURFACES ☒ MARKED ONLY

TITLE: LOW PROFILE I/O STD CABLE ASSY DWG/ TS-2723

CAGE NUMBER | SIZE D | DRAWING NO. 78-5100-2723-4 | REV. A

MODEL | DET. LISTS ☐ YES ☒ NO | SHT 1 OF 1

78-5100-2723-4 REV A