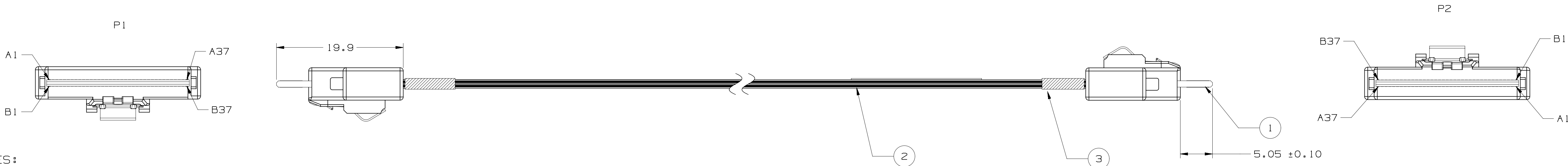
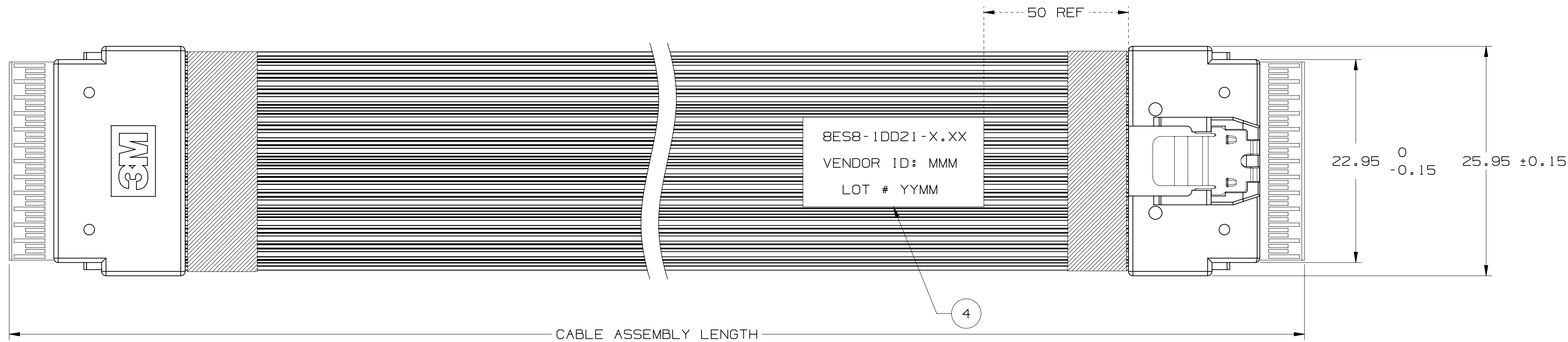


3M™ SlimLine Twin Axial Cable Assembly (SFF-8654) for SAS and PCIe applications



NOTES:

- REGULATORY INFORMATION:
EU ROHS COMPLIANT.
ALL MATERIAL COMPONENTS AND MANUFACTURING PROCESSES FOR THIS PRODUCT COMPLY WITH ROHS 2015/863. SEE [HTTP://SOLUTIONS.3M.COM/WPS/PORTAL/3M/EN_US/ROHS-CERT/HOME/ROHSSEARCH/](http://solutions.3m.com/wps/portal/3m/en_us/rohs-cert/home/rohssearch/) FOR ROHS/REACH DECLARATION.
- PADDECARD PLATING:
30μ" MIN. GOLD PLATING
50μ" MIN. NICKEL UNDERPLATING.
P/N: 78-9102-4549-3
- SLIMLINE CABLE PLUG DIMENSIONS ARE DESIGNED TO SFF-8654.
- 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.
- 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
- PRODUCT SPECIFICATION: PS-240.
- CABLE ASSEMBLY MEETS SAS 3.0 SDD21 INSERTION LOSS SPECIFICATIONS UP TO 900mm LENGTH.
- TWO RIBBONS OF 3M RIBBON TWIN AXIAL CABLE.
SL8802/24-BTMN5-00
85 OHM, 31AWG, 12PR, HB
- 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.
- LENGTH TOLERANCE:
±6 MM FOR LENGTHS 0.1 TO 0.4 METERS,
±10 MM FOR LENGTHS 0.4 TO 1.0 METERS.

3M PART NUMBER : 8ES8-1DD2X-X.XX

- 1 - ST-ST Plug Assembly.
2 - RA-ST Plug Assembly.
3 - RA-RA Plug Assembly.

LENGTH IN METERS 0.10 TO 1.00.

PINOUT

P1		P2
A1	GND	B1
A2	RX0+	B2
A3	RX0-	B3
A4	GND	B4
A5	RX1+	B5
A6	RX1-	B6
A7	GND	B7
A8	SB+	B8
A9	SB-	B9
A10	GND	B10
A11	SB+	B11
A12	SB-	B12
A13	GND	B13
A14	RX2+	B14
A15	RX2-	B15
A16	GND	B16
A17	RX3+	B17
A18	RX3-	B18
A19	GND	B19
A20	RX4+	B20
A21	RX4-	B21
A22	GND	B22
A23	RX5+	B23
A24	RX5-	B24
A25	GND	B25
A26	SB+	B26
A27	SB-	B27
A28	GND	B28
A29	SB+	B29
A30	SB-	B30
A31	GND	B31
A32	RX6+	B32
A33	RX6-	B33
A34	GND	B34
A35	RX7+	B35
A36	RX7-	B36
A37	GND	B37

8ES8-1DD2X-X.XX
VENDOR ID: MMM
LOT # YYMM

LABEL INFORMATION

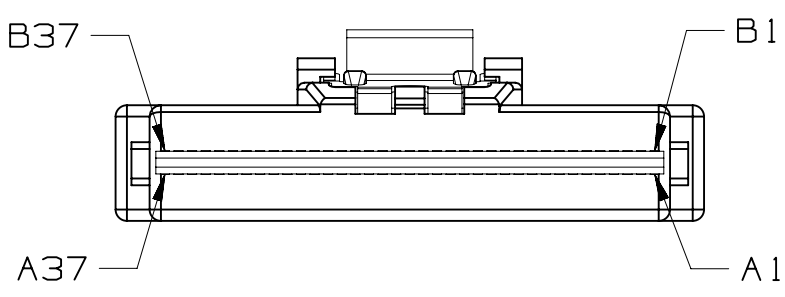
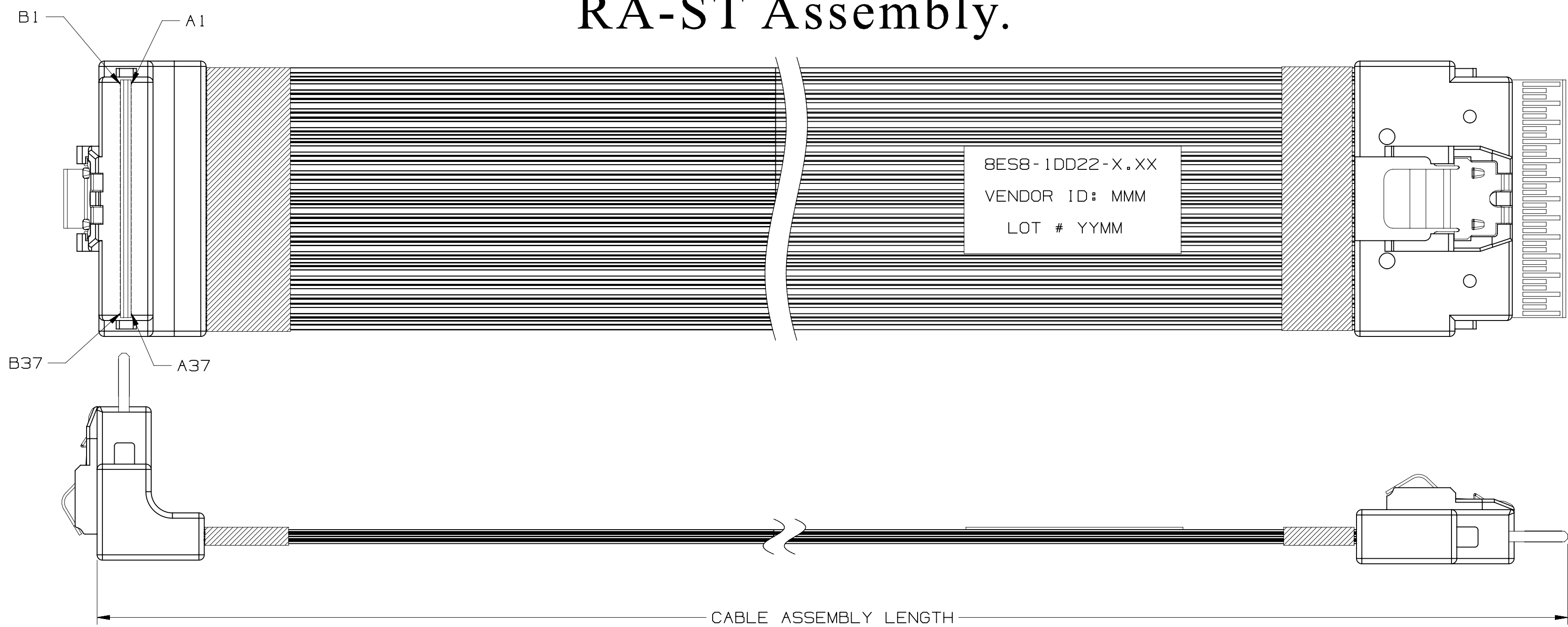
4	LABEL , 40X30MM	1X
3	ACETATE TAPE	AS REQUIRED
2	TWIN AX CABLE , REFER TO NOTES	AS PER LENGTH
1	SLIMLINE PLUG STRAIGHT OR RIGHT ANGLE	2X
ITEM	SPECIFICATION	QUANTITY

DESIGN REFERENCE		NEXT ASSEMBLY		A 73021		MAR 27,2017		RAO		RAO	
REV	ECO	ISSUE	DATE AND DESCRIPTION	DRFT	CHKD	REV	ECO	ISSUE	DATE AND DESCRIPTION	DRFT	CHKD
DIVISION				DIVISION CODE				3M Center			
DO NOT SCALE DRAWING				SCALE				TOLERANCES EXCEPT AS NOTED			
THIRD ANGLE PROJECTION				INTERPRET PER ASME Y14.5 - 2009				MILLIMETERS			
MAX SURFACE ROUGHNESS				125				INCHES			
ALL SURFACES				MARKED ONLY				ANGLES ±1°			
CAGE NUMBER				D 78-5100-2675-6				REV. A			
MODEL				DET				SHT 1 OF 2			

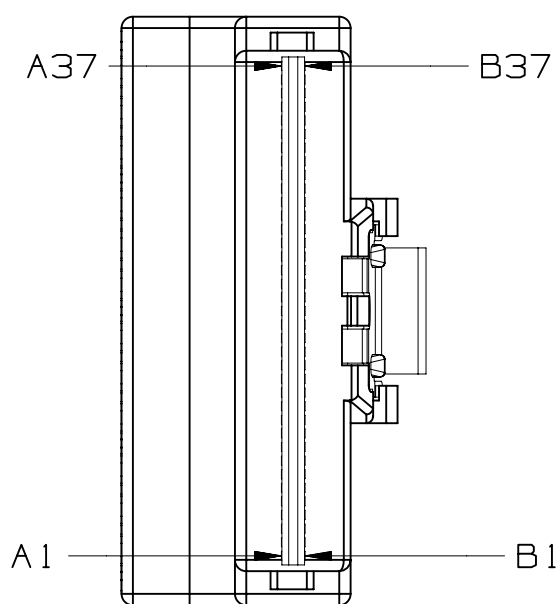
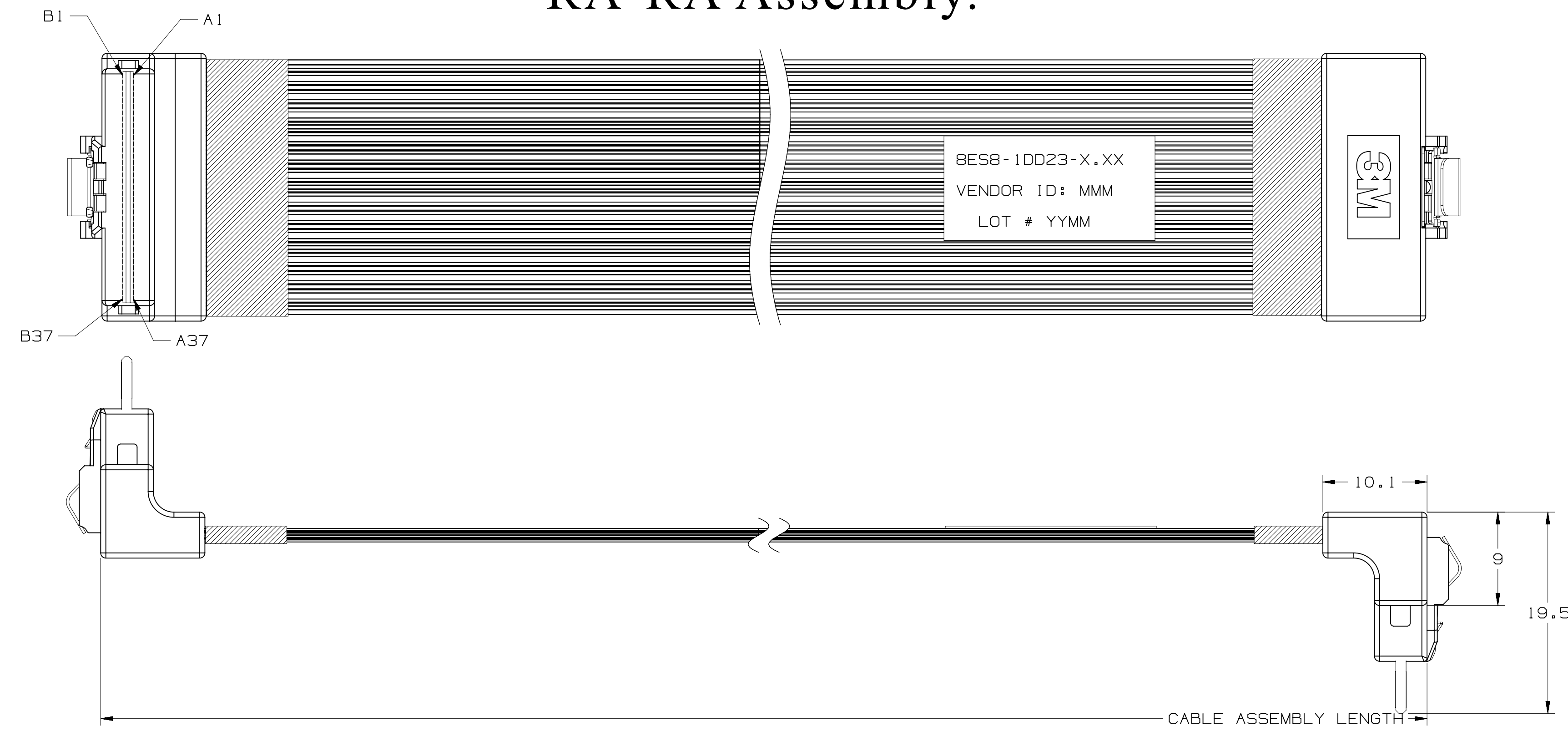
NOTE: ALL GND SIGNALS ARE TIED TOGETHER IN THE PADDECARDS AT EACH END OF ASSEMBLY (A1, A4, A7, A13, A16, A19, A22, A25, A31, A334, A37, B1, B4, B7, B10, B13, B16, B19, B22, B25, B28, B31, B34, B37)

3M™ SlimLine Twin Axial Cable Assembly (SFF-8654) for SAS and PCIe applications

RA-ST Assembly.



RA-RA Assembly.



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DESIGN REFERENCE				NEXT ASSEMBLY				A 73021				MAR 27, 2017				Rao Rao							
ACCESS CODES		U5082		S050300								REV		ECO		ISSUE DATE AND DESCRIPTION				DRFT		CHKD	
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DO NOT SCALE DRAWING				SCALE				TOLERANCES EXCEPT AS NOTED				INCHES				MILLIMETERS				TITLE			
								.00 ± .00 ± .000 ± .0000 ±				.00 ± .00 ± .005 ± .0005 ±				SLIMLINE 85 OHM X8 31AWG CABLE ASSY							
THIRD ANGLE PROJECTION				INTERPRET PER ASME Y14.5 - 2009				MAX SURFACE ROUGHNESS				125 /				ALL SURFACES				X MARKED ONLY			
CAGE NUMBER				SIZE				DRAWING NO.				REV.				MODEL							
D				78-5100-2675-6				A				SHT 2 OF 2											