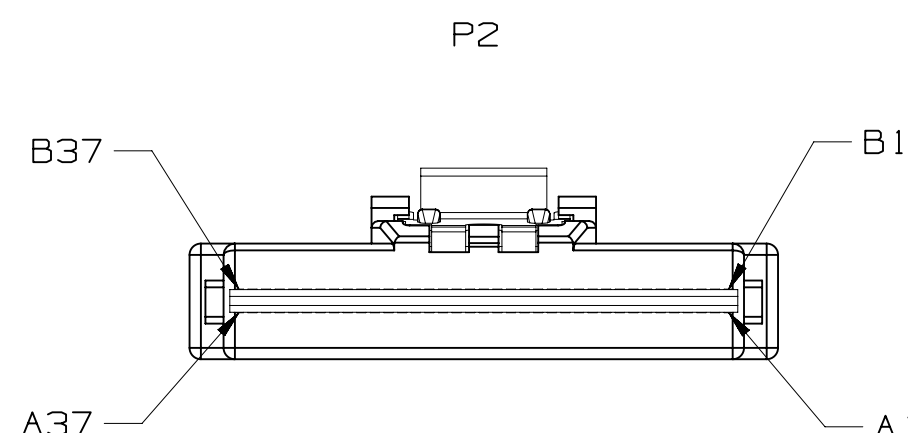
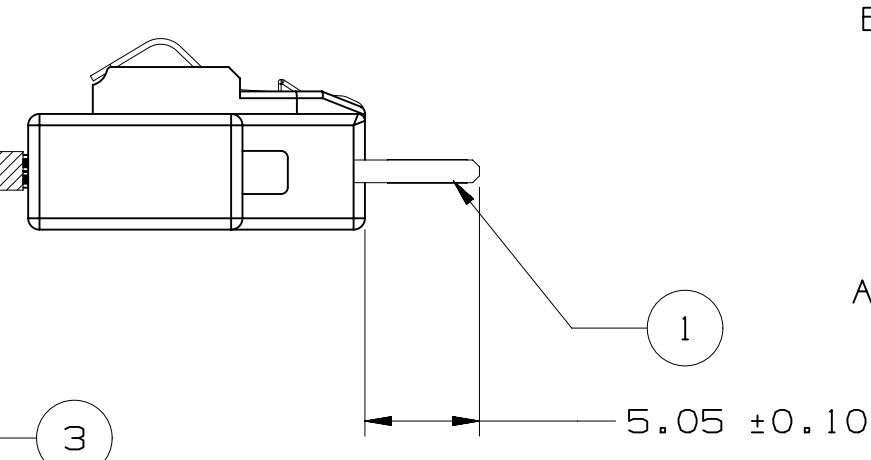
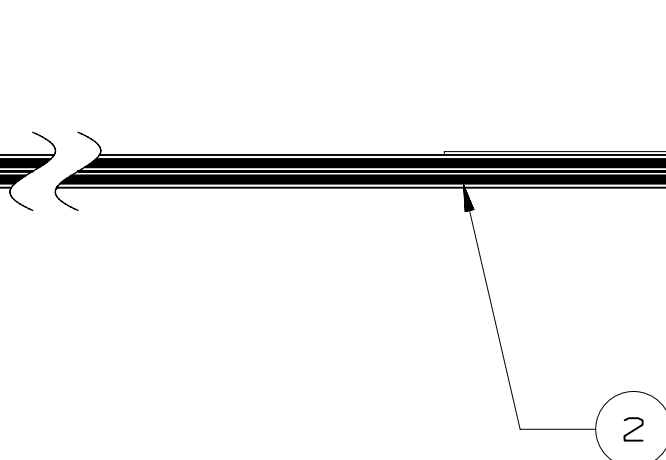
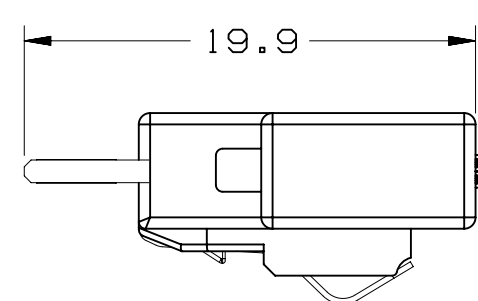
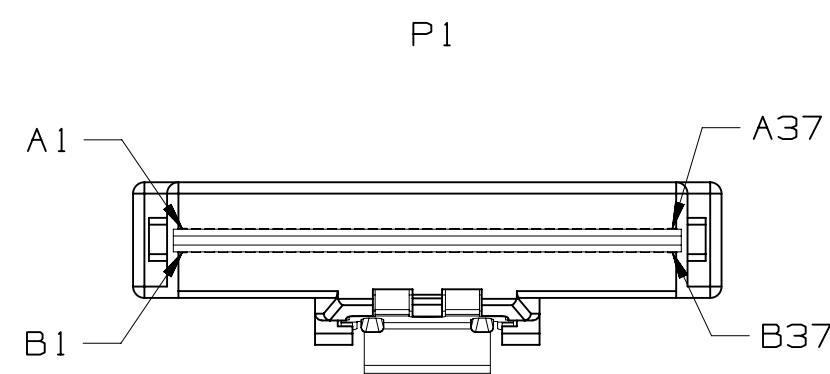
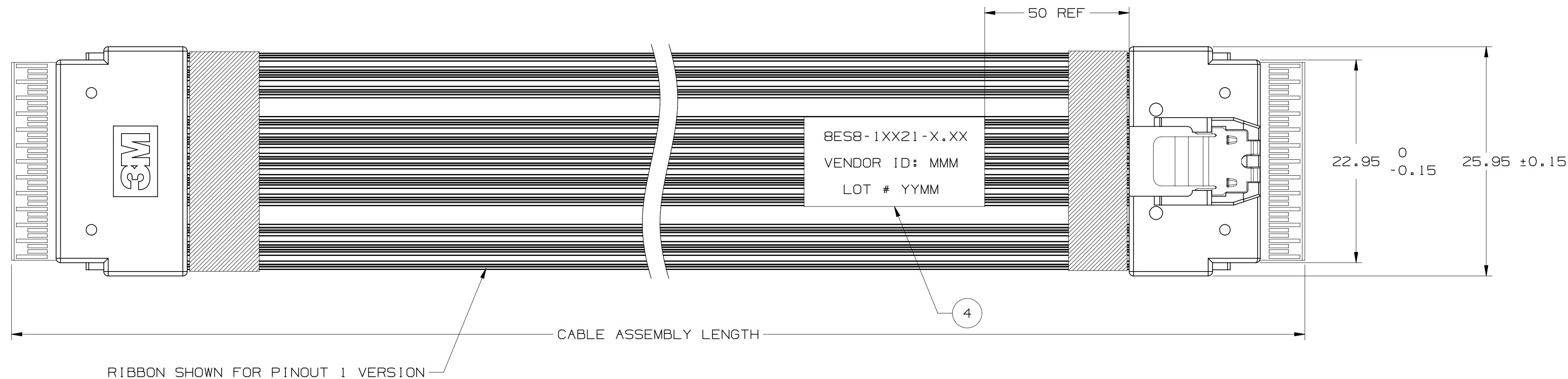


3M™ SlimLine Twin Axial Cable Assembly (SFF-8654) for SAS and PCIe applications



NOTES :

1. 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
2. PADDLECARD PLATING:
30 μ " MIN. GOLD PLATING
50 μ " MIN. NICKEL UNDERPLATING.
P/N: 78-9102-4550-1 (8P+10SB)
P/N: 78-9102-5348-9 (12P)
3. SLIMLINE CABLE PLUG DIMENSIONS ARE DESIGNED TO SFF-8654.
4. 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,
5. 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
6. PRODUCT SPECIFICATION: PS-240.
7. TWO RIBBONS OF 3M RIBBON TWIN AXIAL CABLE.
PINOUT 1:
SL8801/26-1JBK5-00
85 OHM, 30AWG, 8PR, VW1
10 SIDEBANDS, GND TUCKED-IN.

PINOUT 2:
SL8802/24-AJBN5-00
85 OHM, 30AWG, 12PR, VW1
GND TUCKED-IN.
8. 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.
9. LENGTH TOLERANCE:
±6 MM FOR LENGTHS 0.1 TO 0.4 METERS,
±10 MM FOR LENGTHS 0.4 TO 1.0 METERS.

PINOUT 1			PINOUT 1		
P1		P2	P1		P2
A1	GND	B1	B1	GND	A1
A2	RX0+ 	B2	B2	TX0+ 	A2
A3	RX0- 	B3	B3	TX0- 	A3
A4	GND	B4	B4	GND	A4
A5	RX1+ 	B5	B5	TX1+ 	A5
A6	RX1- 	B6	B6	TX1- 	A6
A7	GND	B7	B7	GND	A7
A8	SB	B8	B8	SB	A8
A9	SB	B9	B9	SB	A9
A10	SB	B10	B10	SB	A10
A11	SB	B11	B11	SB	A11
A12	SB	B12	B12	SB	A12
A13	GND	B13	B13	GND	A13
A14	RX2+ 	B14	B14	TX2+ 	A14
A15	RX2- 	B15	B15	TX2- 	A15
A16	GND	B16	B16	GND	A16
A17	RX3+ 	B17	B17	TX3+ 	A17
A18	RX3- 	B18	B18	TX3- 	A18
A19	GND	B19	B19	GND	A19
A20	RX4+ 	B20	B20	TX4+ 	A20
A21	RX4- 	B21	B21	TX4- 	A21
A22	GND	B22	B22	GND	A22
A23	RX5+ 	B23	B23	TX5+ 	A23
A24	RX5- 	B24	B24	TX5- 	A24
A25	GND	B25	B25	GND	A25
A26	SB	B26	B26	SB	A26
A27	SB	B27	B27	SB	A27
A28	SB	B28	B28	SB	A28
A29	SB	B29	B29	SB	A29
A30	SB	B30	B30	SB	A30
A31	GND	B31	B31	GND	A31
A32	RX6+ 	B32	B32	TX6+ 	A32
A33	RX6- 	B33	B33	TX6- 	A33
A34	GND	B34	B34	GND	A34
A35	RX7+ 	B35	B35	TX7+ 	A35
A36	RX7- 	B36	B36	TX7- 	A36
A37	GND	B37	B37	GND	A37

NOTE: ALL GND SIGNALS ARE TIED TOGETHER IN THE PADDLECARDS AT EACH END OF ASSEMBLY

PINOUT 2			
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	

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

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

3M PART NUMBER : 8ES8-1XX2X-X.XX

```
AA- PINOUT 1
DF- PINOUT 2
```

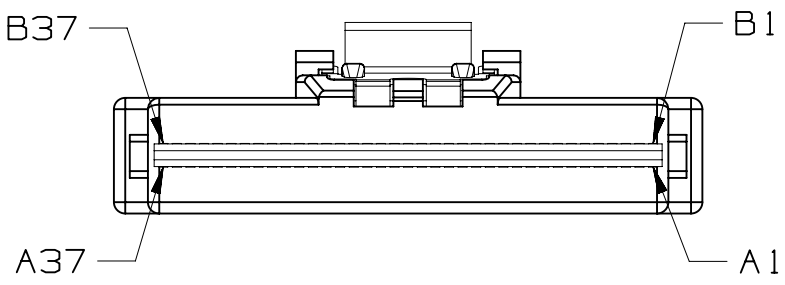
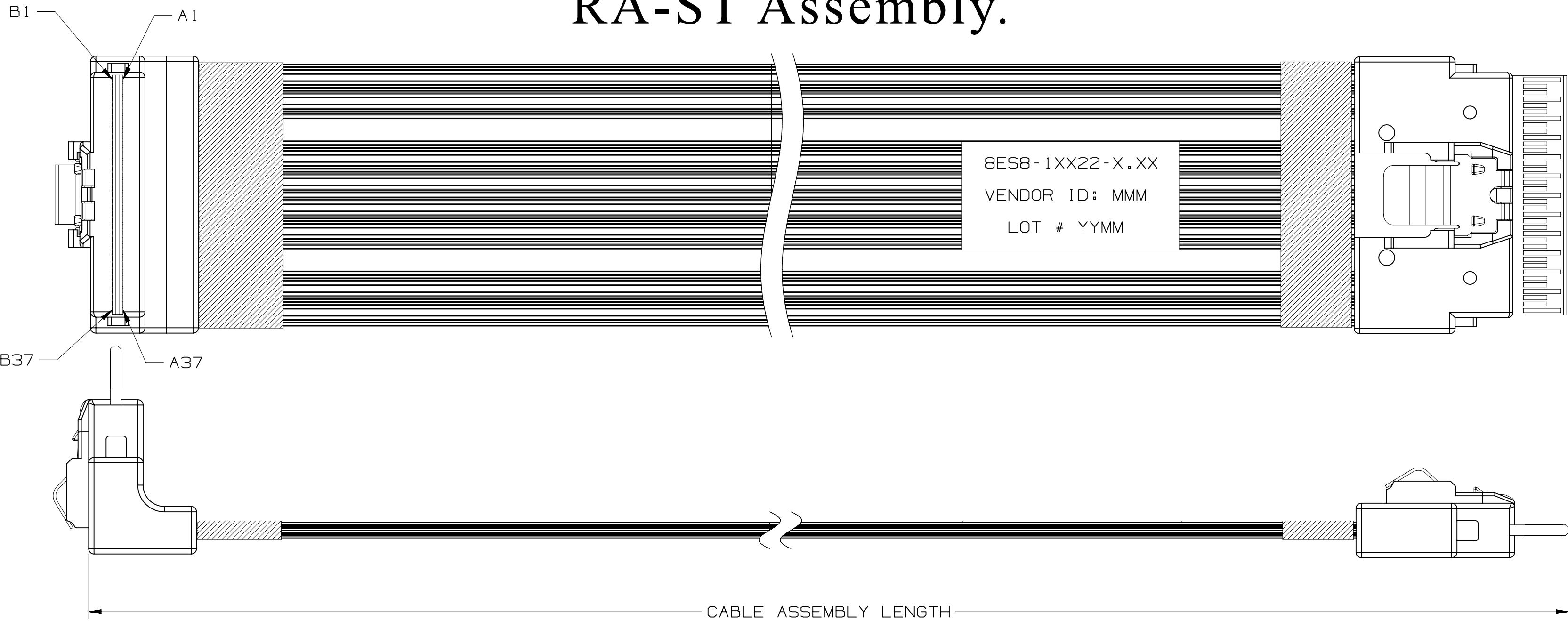
- 1 - ST-ST Plug Assembly.
2 - RA-ST Plug Assembly.
3 - RA-RA Plug Assembly.

LENGTH IN METERS 0.10 TO 1.00.

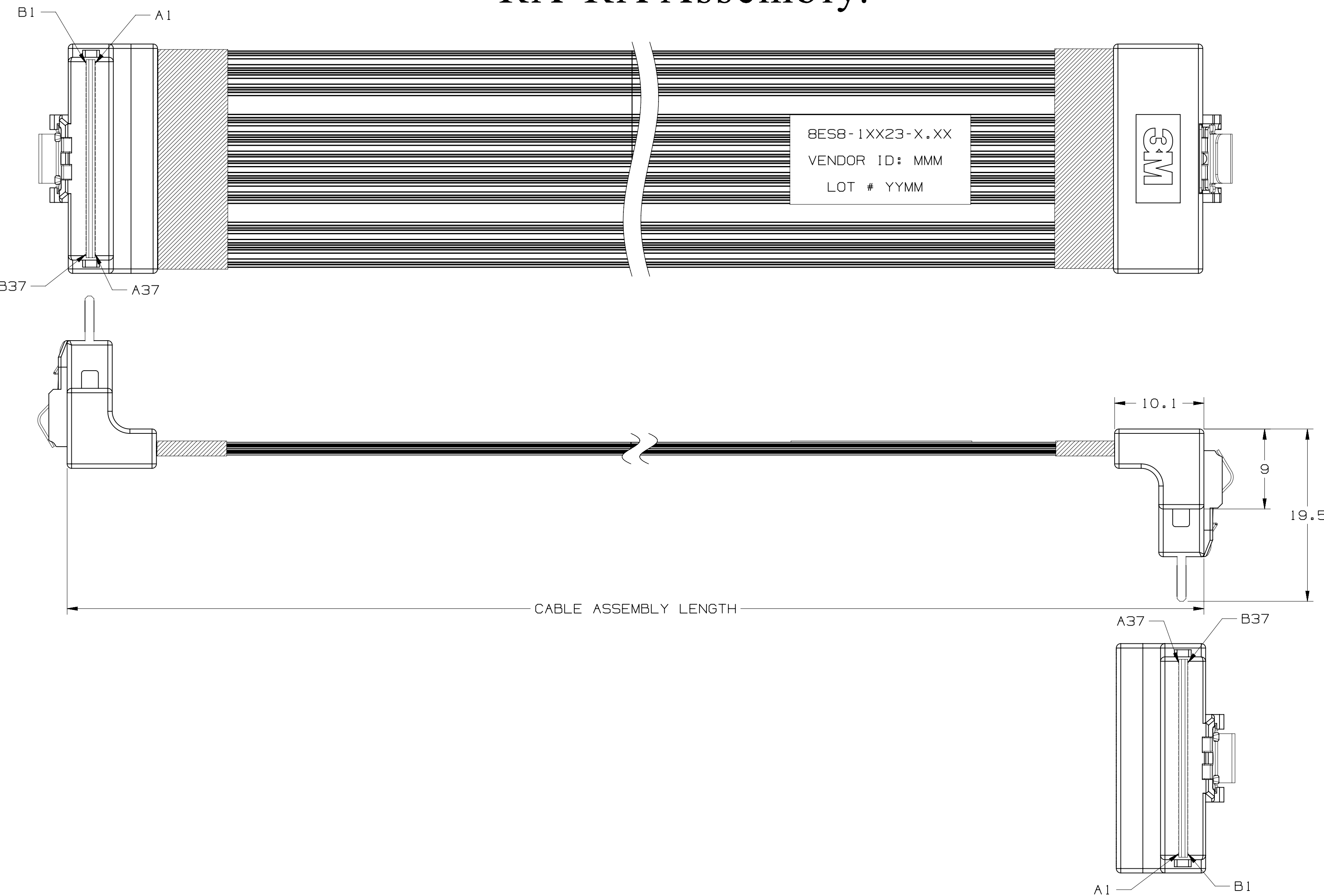
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ADDRESS CODES U9602 50030a				A 69548 JAN 10, 2017 RAO RAO			
DIVISION				DIVISION CODE			
DO NOT SCALE DRAWING				TOLERANCES EXCEPT AS NOTED			
THIRD ANGLE PROJECTION				INCHES			
INTERPRET PER ASME Y14.5 - 2009				MILLIMETERS			
MAX SURFACE ROUGHNESS				CASE NUMBER			
125 ✓ ☐ ALL SURFACES ☒ MARKED ONLY				SIZE DRAWINGS NO. D 78-5100-2665-7 REV. B			
ANGLES ± .005				MODEL DET. LISTS YES ☐ NO ☒ SHT 1 OF 2			

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	
ACCESS CODES	US662	SOE300	
DIVISION	DIVISION CODE		
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED	
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	INCHES	MILLIMETERS
MAX SURFACE ROUGHNESS	125	0.00 ± .005	0 ± .1
ALL SURFACES MARKED ONLY		0.00 ± .005	0 ± .1
ANGLES ± 1°			
CAGE NUMBER		SIZE	DRAWING NO.
D		78-5100-2665-7	B
MODEL		DET	YES
		NO	SHT 2 OF 2