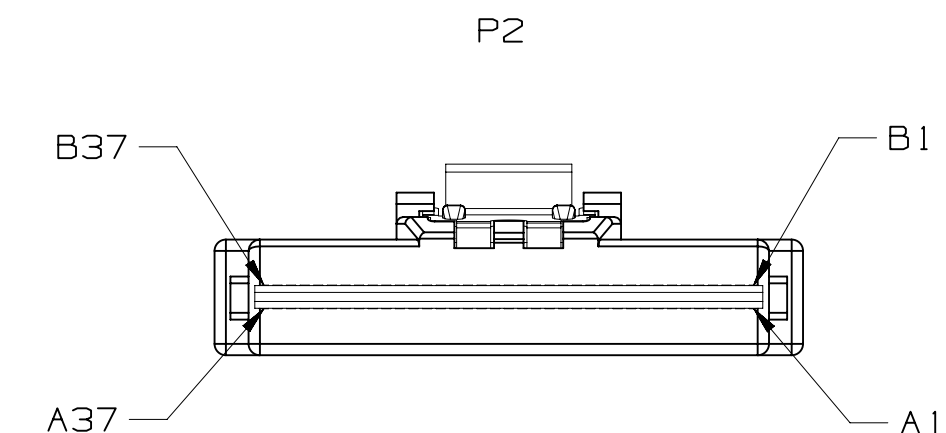
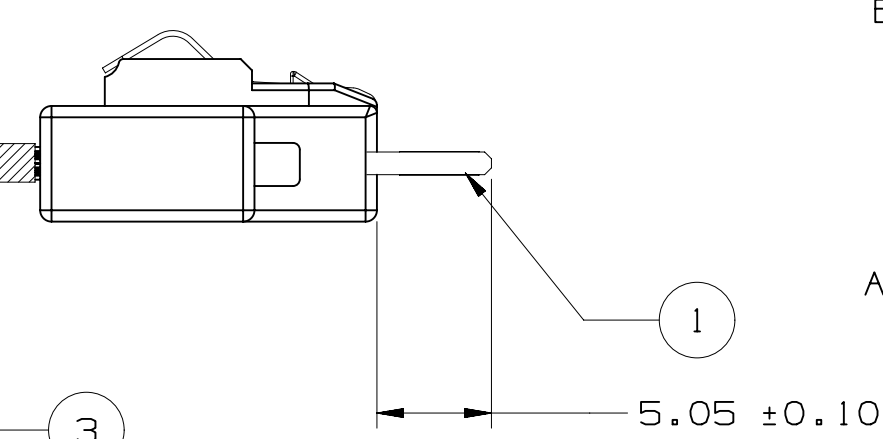
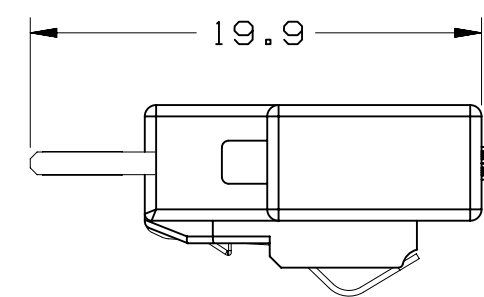
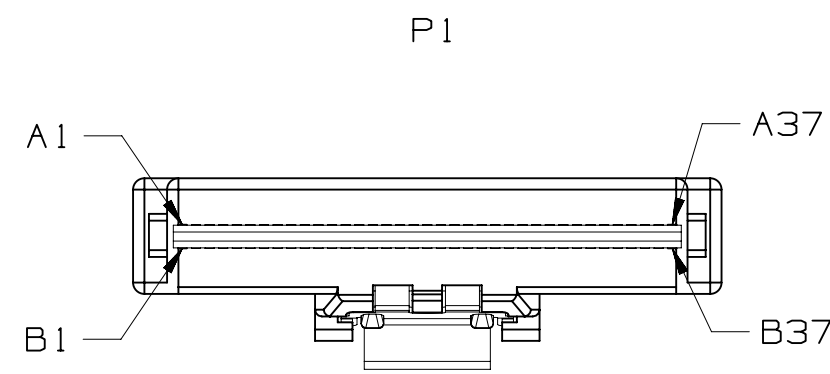
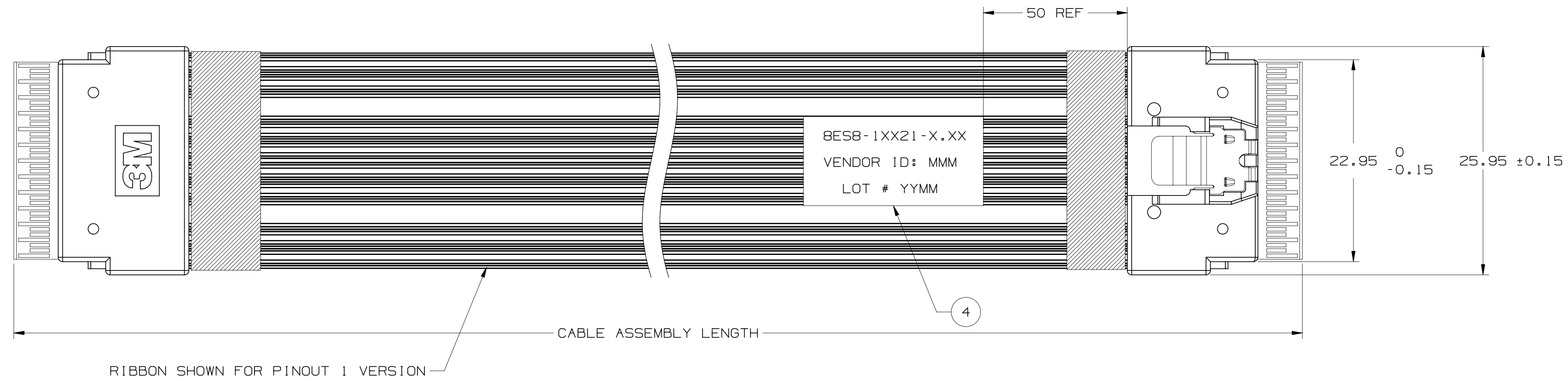


3M™ SlimLine Twin Axial Cable Assembly (SFF-8654) for SAS and PCIe applications



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/ FOR ROHS/REACH DECLARATION](http://solutions.3m.com/wps/portal/3m/en_us/rohs-cert/home/rohssearch/for_rohs/reach_declaration)
- PADBLECARD PLATING:
30μ" MIN. GOLD PLATING
50μ" MIN. NICKEL UNDERPLATING.
P/N: 78-9102-4550-1 (8P+10SB)
P/N: 78-9102-5348-9 (12P)
- 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.
- 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.
- 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.

8ES8-1XX2X-X.XX
VENDOR ID: MMM
LOT # YYMM

LABEL INFORMATION

PINOUT 1			PINOUT 2		
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 PADBLECARDS AT EACH END OF ASSEMBLY

ITEM	SPECIFICATION	QUANTITY
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

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

AA- PINOUT 1
DF- PINOUT 2

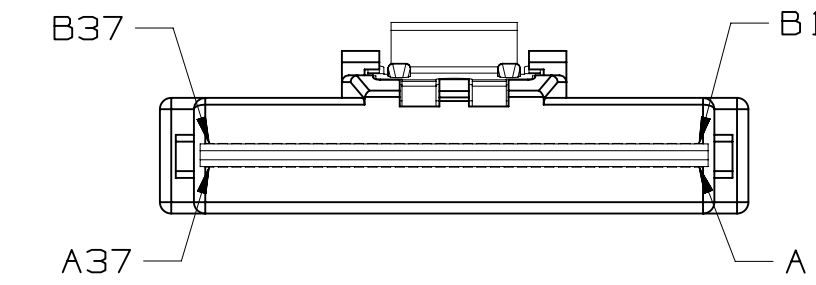
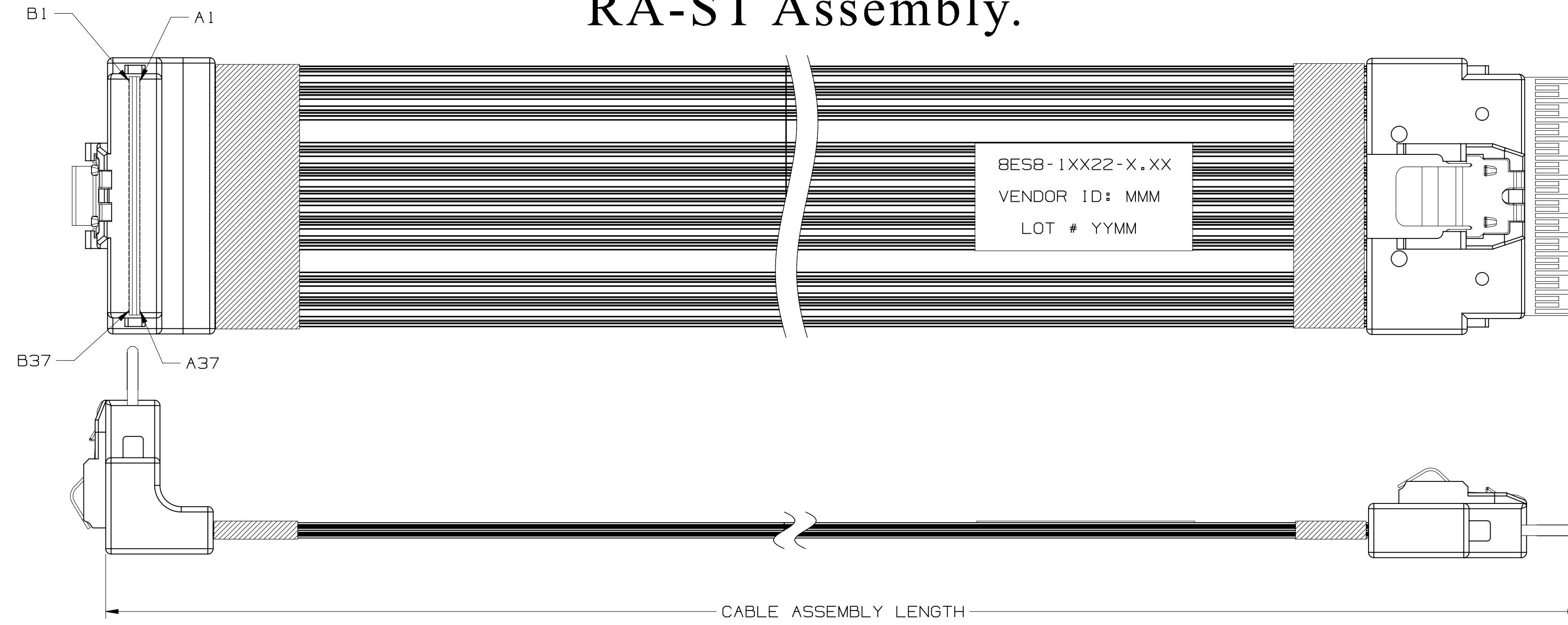
- 1 - ST-ST Plug Assembly.
- 2 - RA-ST Plug Assembly.
- 3 - RA-RA Plug Assembly.

LENGTH IN METERS 0.10 TO 1.00.

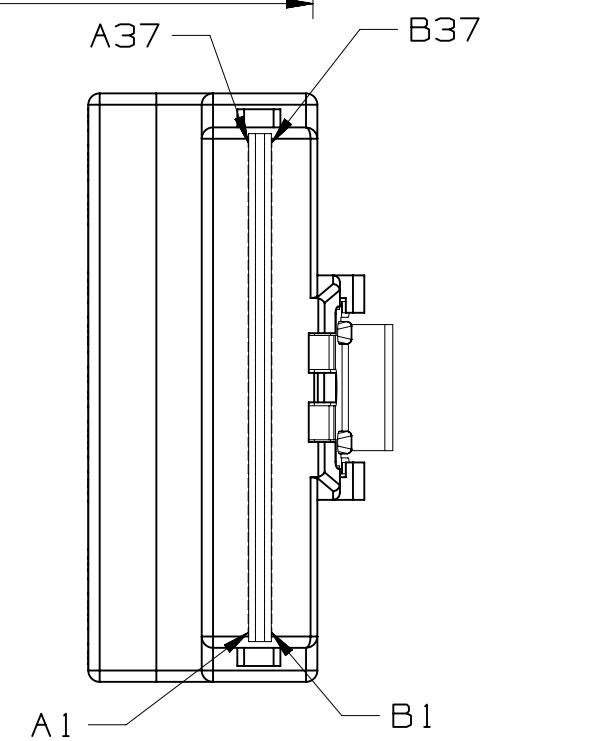
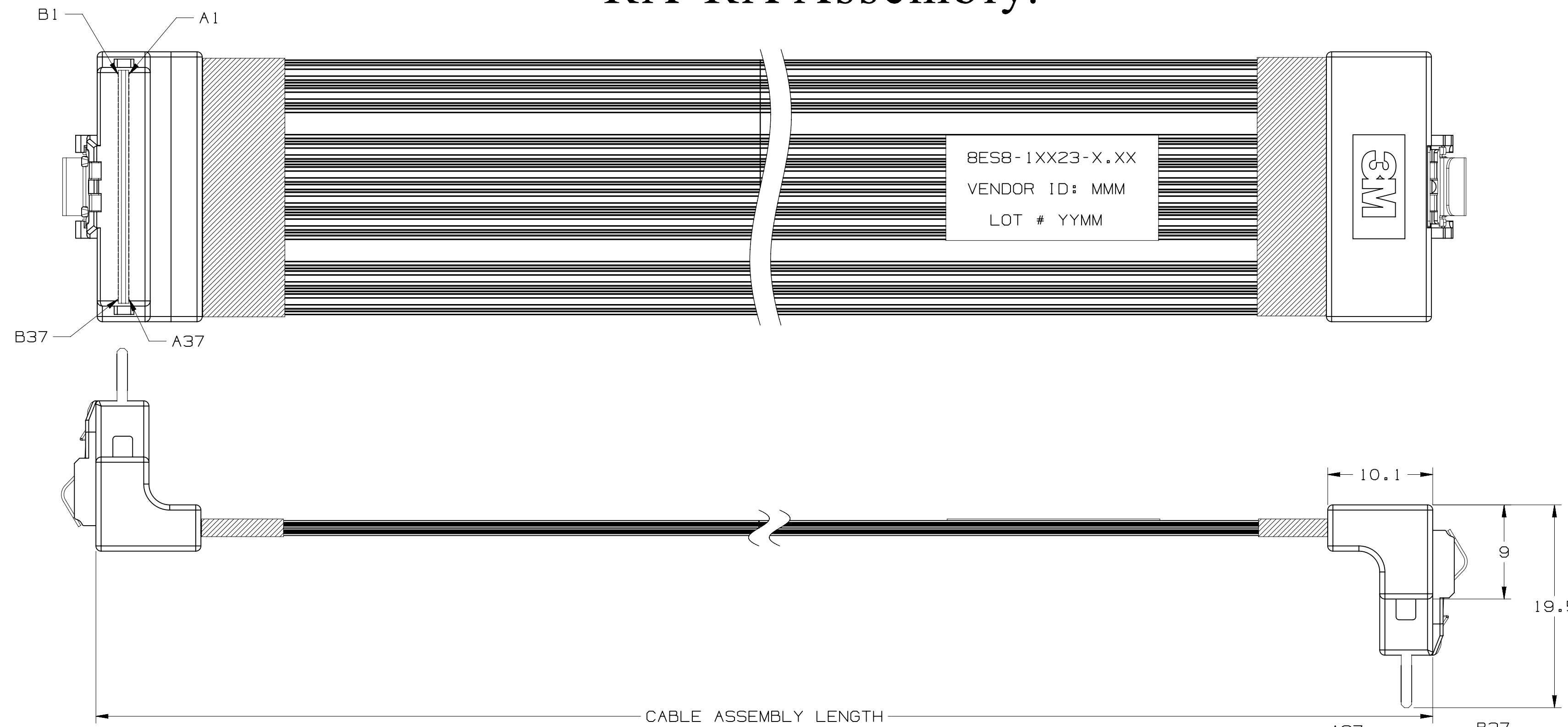
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US882	S8830			AUG 23,2016 Liu JG		AUG 23,2016
DIVISION		DVT/SQL CODE		3M Center St. Paul, MN 55144 © 3M COPYRIGHT 2017 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.		
DO NOT SCALE DRAWING		SCALE		TOLERANCES EXCEPT AS NOTED		
THIRD ANGLE PROJECTION		INCHES		MILLIMETERS		
INTERPRET PER ASME Y14.5 - 2009		0 ± .01		0 ± .01		
MAX SURFACE ROUGHNESS		.000 ± .005		.000 ± .005		
125		ALL SURFACES		.000 ± .005		
✓ MARKED ONLY		ANGLES ±1°				
CAGE NUMBER	SIZE	DRAWING NO.	REV.			
D		78-5100-2665-7	B			
MODEL	DET	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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B	73021	APR 28, 2017	RAO	RAO
A	69548	JAN 10, 2017	Rao	Rao
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
		DATE	DATE	DATE
	Rao Vittapalli	AUG 23, 2016	Liu JG	AUG 23, 2016
DRKD	Rao Vittapalli	DATE	APPR	DATE
		AUG 23, 2016	Saujit Bandhu	AUG 23, 2016

DESIGN REFERENCE	NEXT ASSEMBLY
ACCESS CODES	US882 US8300
DIVISION	DIVISION CODE
DO NOT SCALE DRAWING	SCALE
THIRD ANGLE PROJECTION	TOLERANCES EXCEPT AS NOTED
INTERPRET PER ASME Y14.5 - 2009	TOLERANCES IN INCHES
MAX SURFACE ROUGHNESS	MILLIMETERS
125	0 ± .1
ALL SURFACES	.00 ± .05
MARKED ONLY	.000 ± .005
	ANGLES ± 1°

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TITLE CUSTOMER DRAWING SLIMLINE 85 OHM X8 30AWG CABLE ASSY			
CAGE NUMBER	SIZE	DRAWING NO.	REV.
D		78-5100-2665-7	B
MODEL	DET I1S1S YES X NO		SHT 2 OF 2

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