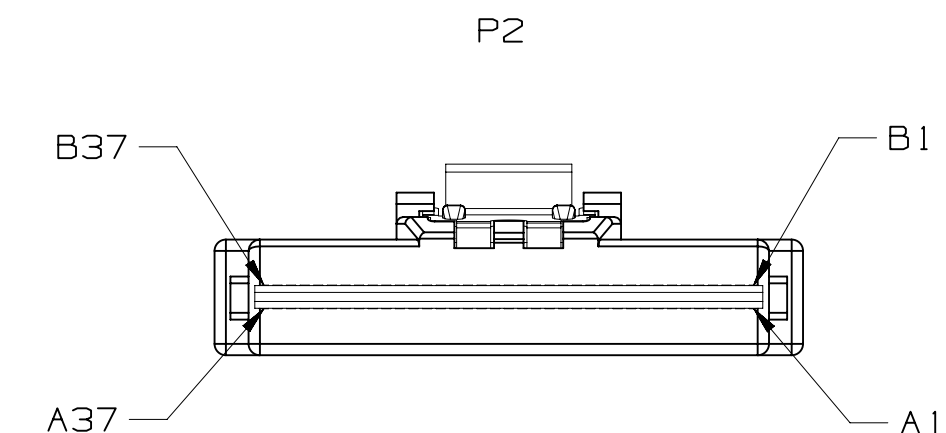
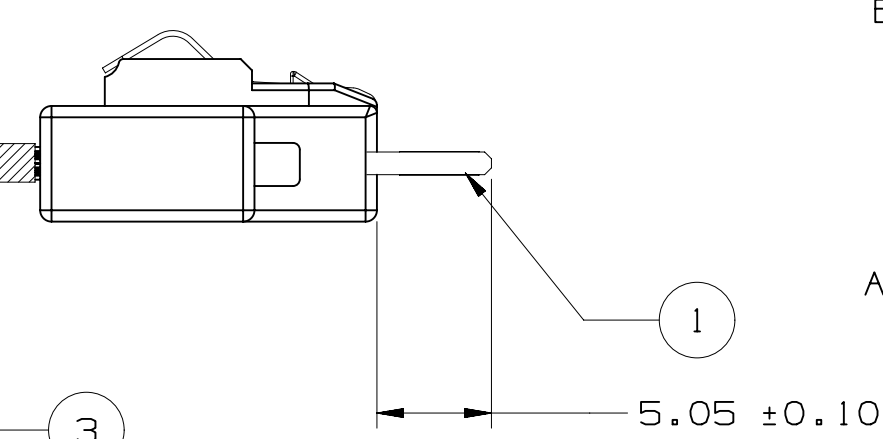
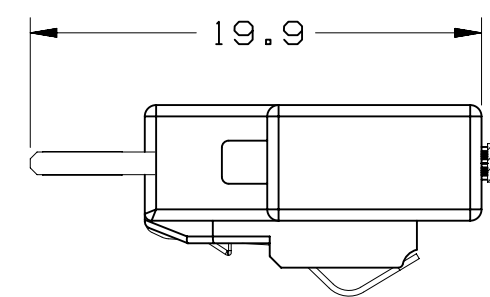
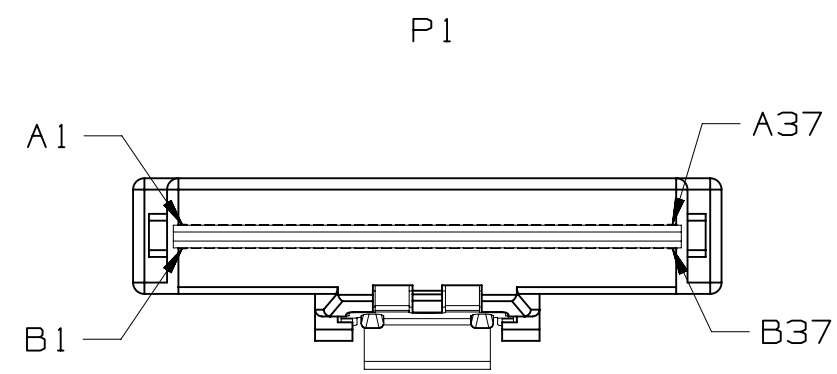
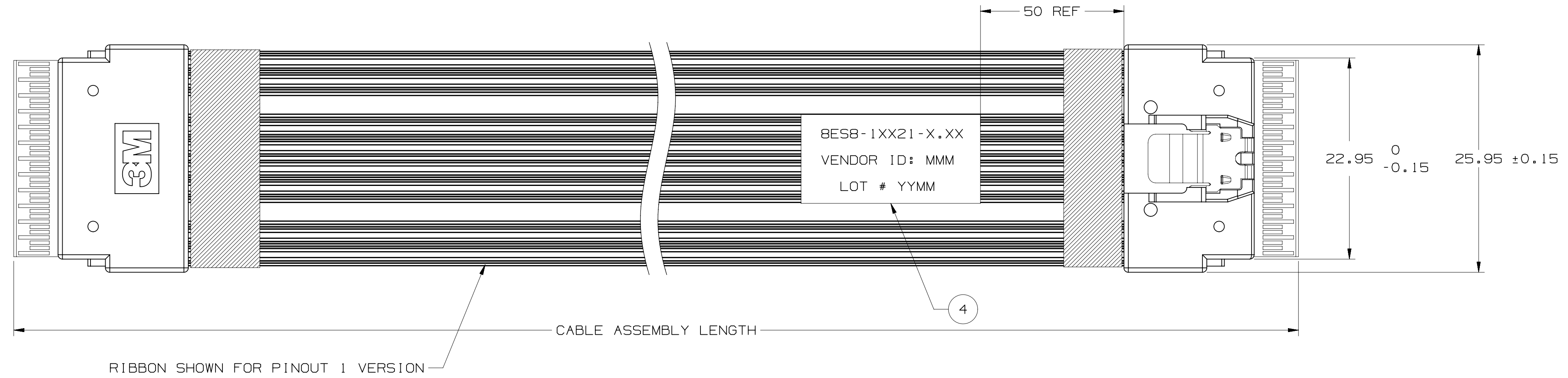


3M™ SlimLine Twin Axial Cable Assembly (SFF-8654) for SAS and PCIe applications



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

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.

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
US882	US8300			AUG 23,2016 Liu JG		AUG 23,2016
DIVISION		DVT/SQL CODE		DATE		
DO NOT SCALE DRAWING		SCALE		TOLERANCES EXCEPT AS NOTED		
THIRD ANGLE PROJECTION		INCHES		MILLIMETERS		
INTERPRET PER ASME Y14.5 - 2009		MAX SURFACE ROUGHNESS		CAGE NUMBER		
125		ALL SURFACES MARKED ONLY		D 78-5100-2665-7		
		ANGLES ±1°		REV. B		

3M Center St. Paul, MN 55144

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CUSTOMER DRAWING
SLIMLINE 85 OHM X8
30AWG CABLE ASSY

MODEL

78-5100-2665-7

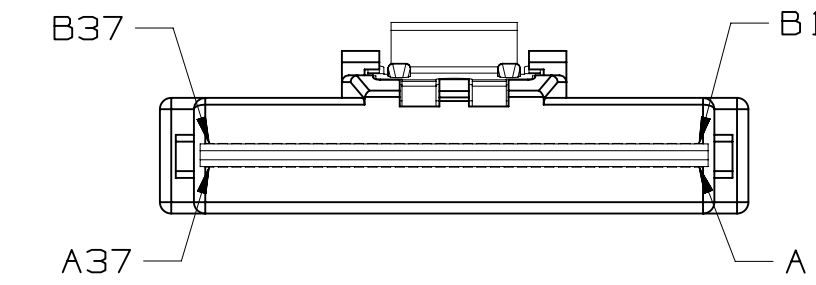
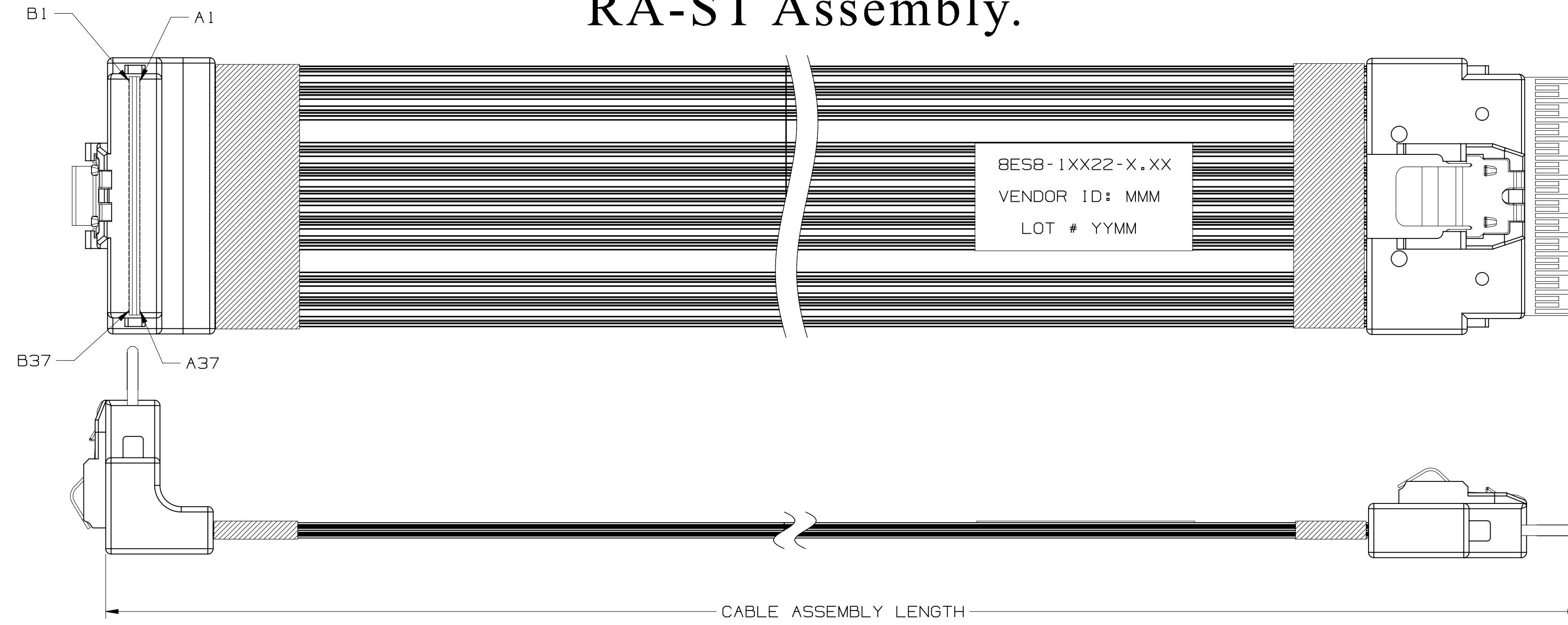
DRAWING NUMBER

REV. B

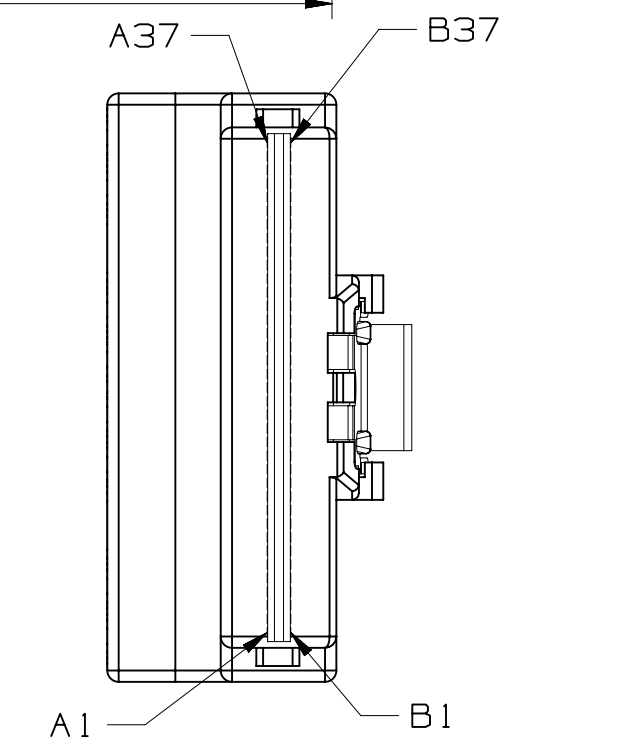
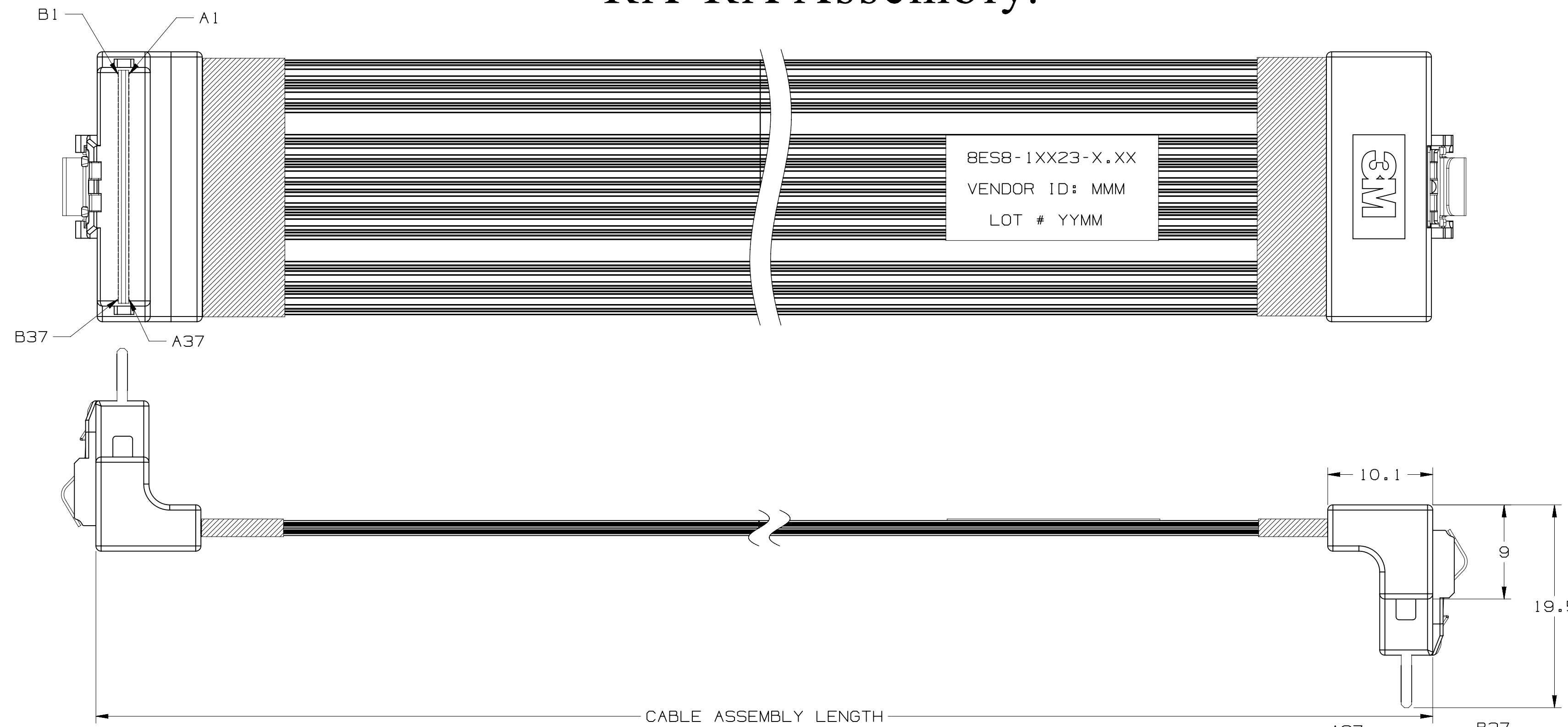
SHT 1 OF 2

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 125	TOLERANCES IN MILLIMETERS
ALL SURFACES MARKED ONLY	ANGLES ±1°

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

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- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
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- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
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Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А