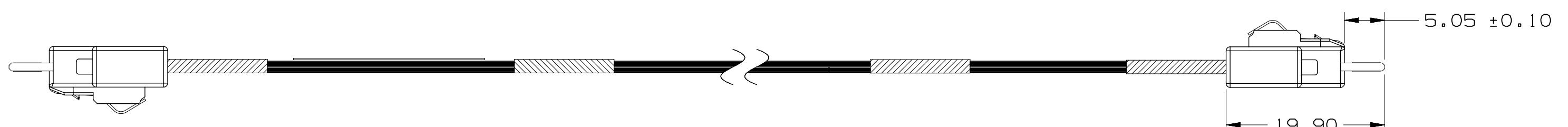
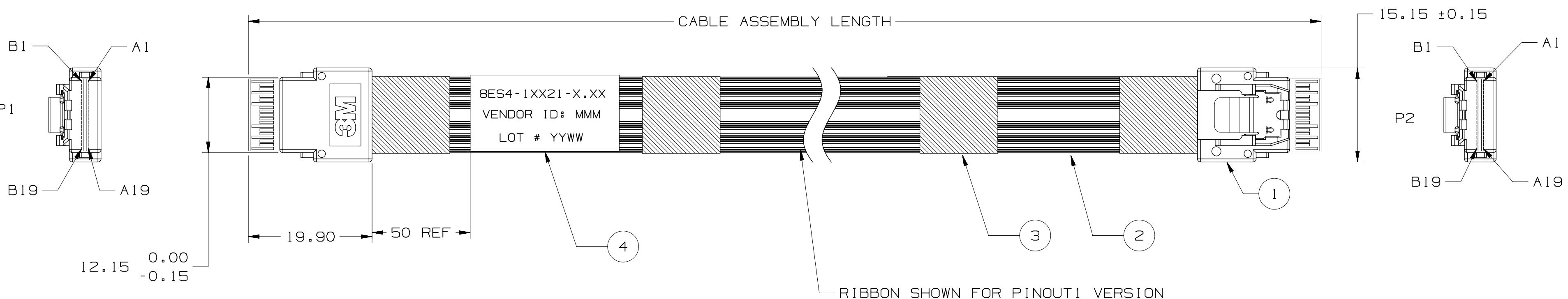


3M™ SlimLine Twin Axial Cable Assembly (SFF-8654) for SAS and PCIe applications



8ES4-1XX2X-X. XX
VENDOR : MMM
LOT #WWYY

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

LABEL INFORMATION

PART NUMBER: 8ES4-1XX2X-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
0.1m TO 1.0 m MAX.

PINOUT 1

PINOUT 2

P1		P2		P1		P2	
A1	GND	GND	B1	B1	GND	GND	A1
A2	RX0+ ()	TX0+ ()	B2	B2	RX0+ ()	TX0+ ()	A2
A3	RX0- ()	TX1- ()	B3	B3	RX0- ()	TX1- ()	A3
A4	GND	GND	B4	B4	GND	GND	A4
A5	RX1+ ()	TX1+ ()	B5	B5	RX1+ ()	TX1+ ()	A5
A6	RX1- ()	TX1- ()	B6	B6	RX1- ()	TX1- ()	A6
A7	GND	GND	B7	B7	GND	GND	A7
A8	SB	SB	B8	B8	SB	SB	A8
A9	SB	SB	B9	B9	SB	SB	A9
A10	SB	SB	B10	B10	SB	SB	A10
A11	SB	SB	B11	B11	SB	SB	A11
A12	SB	SB	B12	B12	SB	SB	A12
A13	GND	GND	B13	B13	GND	GND	A13
A14	RX2+ ()	TX2+ ()	B14	B14	RX2+ ()	TX2+ ()	A14
A15	RX2- ()	TX2- ()	B15	B15	RX2- ()	TX2- ()	A15
A16	GND	GND	B16	B16	GND	GND	A16
A17	RX3+ ()	TX3+ ()	B17	B17	RX3+ ()	TX3+ ()	A17
A18	RX3- ()	TX3- ()	B18	B18	RX3- ()	TX3- ()	A18
A19	GND	GND	B19	B19	GND	GND	A19

P1		P2	
A1	GND	GND	B1
A2	RX0+	TX0+	B2
A3	RX0-	TX1-	B3
A4	GND	GND	B4
A5	RX1+	TX1+	B5
A6	RX1-	TX1-	B6
A7	GND	GND	B7
A8	SB+	SB+	B8
A9	SB-	SB-	B9
A10	GND	GND	B10
A11	SB+	SB+	B11
A12	SB-	SB-	B12
A13	GND	GND	B13
A14	RX2+	TX2+	B14
A15	RX2-	TX2-	B15
A16	GND	GND	B16
A17	RX3+	TX3+	B17
A18	RX3-	TX3-	B18
A19	GND	GND	B19

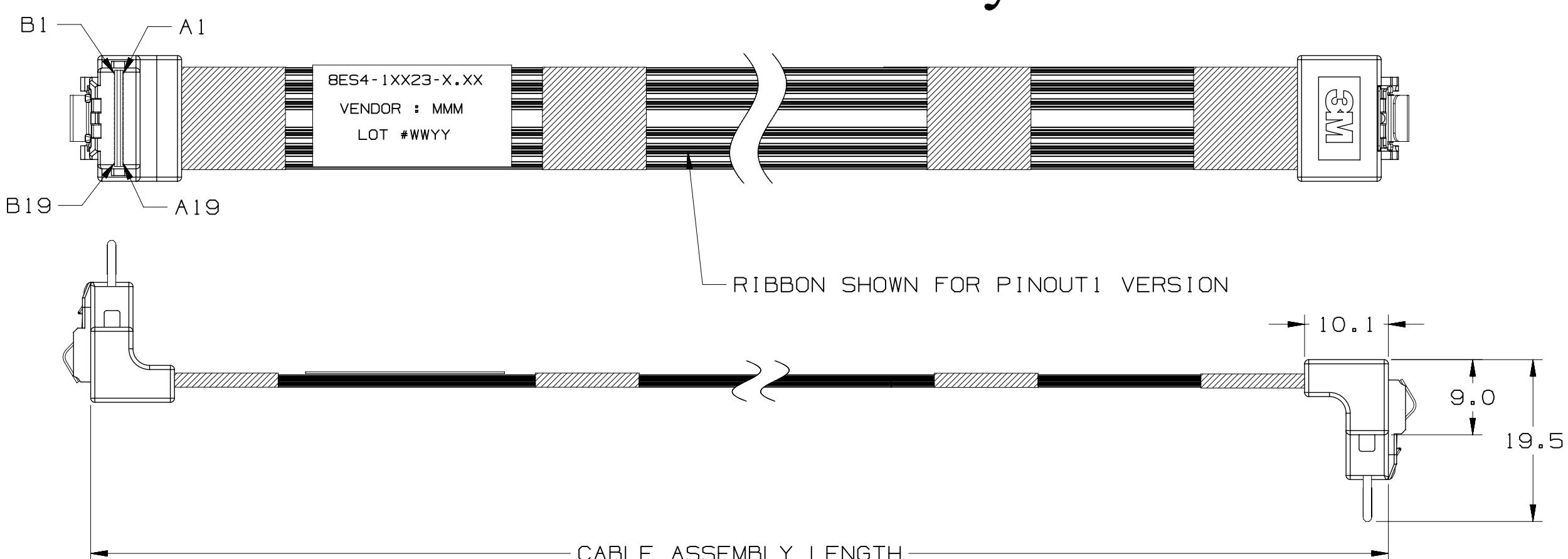
NOTE: ALL GND SIGNALS ARE TIED TOGETHER IN THE PADDLECARDS AT EACH END OF ASSEMBLY

DESIGN REFERENCE						B	73021	MAY 02, 2017	RAO	RAO			
						A	69548	ADD 6 PAIR PINOUT	AUG 24, 2016	RAO	RAO		
NEXT ASSEMBLY						REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD		
ACCESS CODES		US682	SG830a			DRFT	Rao Vittapalli	DATE	JG Liu	DATE	AUG 24, 2016		
						CHKD	Rao Vittapalli	DATE	APPVL	DATE	AUG 24, 2016		
DIVISION		DIVISION CODE				3M		© 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	2	1	TOLERANCES EXCEPT AS NOTED	3M Center St. Paul, MN 55144							
				INCHES		TITLE		CUSTOMER DRAWING					
				.0	±			SLIMLINE 85 OHM X4					
				.00	±			30AWG CABLE ASSY					
				.000	±								
				.0000	±								
THIRD ANGLE PROJECTION						MILLIMETERS							
INTERPRET PER ASME Y14.5 - 2009						0	± 1						
MAX SURFACE ROUGHNESS						.0	± .5						
125						.00	± .2						
<input type="checkbox"/> ALL SURFACES <input checked="" type="checkbox"/> MARKED ONLY						.000	± .005	CAGE NUMBER		SIZE	DRAWING NO.	REV.	
						C		78-5100-2666-5		B			
						ANGLES ± 1 °		MODEL		DET.	I LISTS	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	SHT 1 OF 2

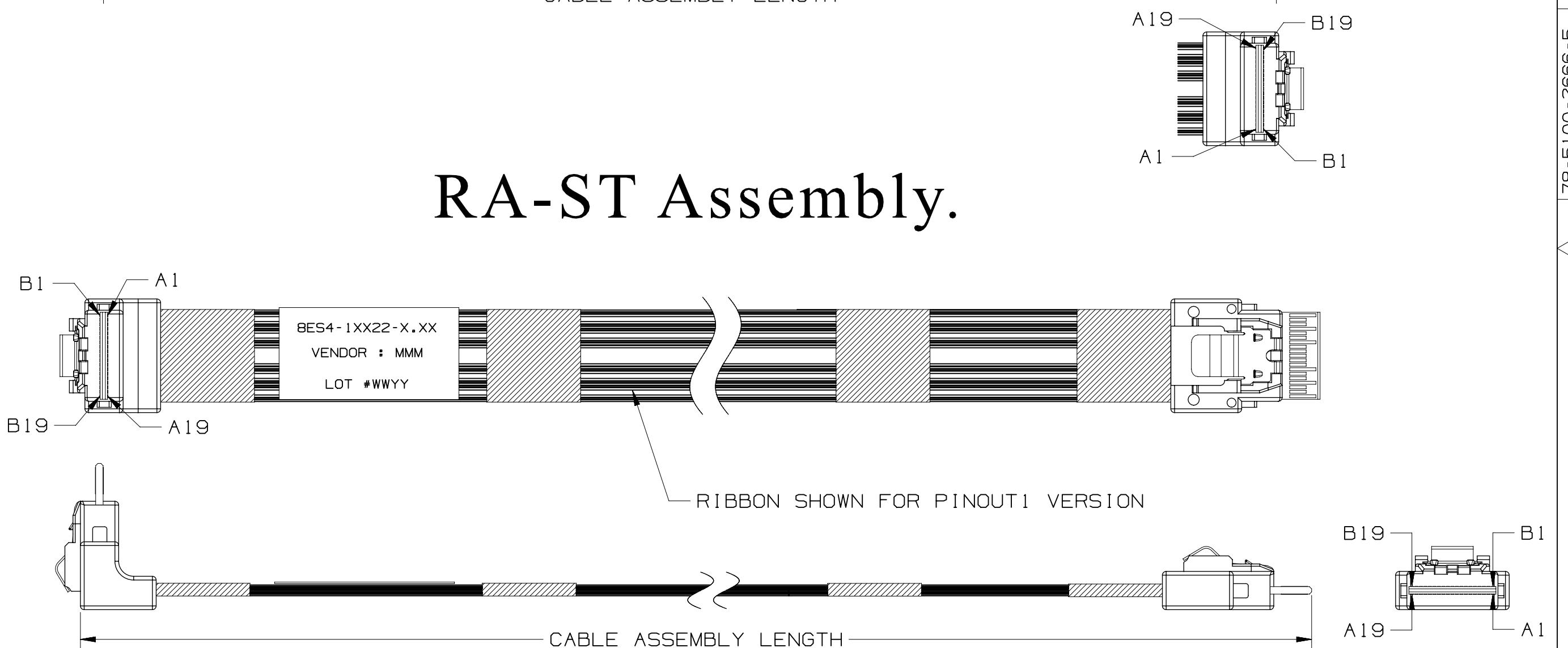
3M™ SlimLine Twin Axial Cable Assembly (SFF-8654) for SAS and PCIe applications

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.
- PADDLECARD PLATING:
30 μ MIN. GOLD PLATING
50 μ MIN. NICKEL UNDERPLATING.
P/N: 78-9102-4552-7 (4P+5SB)
P/N: 78-9102-3249-1 (6P)
- SLIMLINE CABLE PLUG DIMENSIONS ARE DESIGNED TO SFF-8654.
- PRODUCT SPECIFICATION: PS-240.
- TWO RIBBONS OF 3M RIBBON TWIN AXIAL CABLE.
PINOUT 1:
SL8801/13-2JBK5-00 - 4 PAIR
30AWG, 5SB, VW1, GND TUCKED-IN.
PINOUT 2:
SL8802/12-2JBN5-00 - 6 PAIR
30AWG, 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.
- UNLESS OTHERWISE NOTED, REFERENCE TO INDUSTRY SPECIFICATIONS ARE INTENDED TO INDICATE SUBSTANTIAL COMPLIANCE TO MATERIAL ELEMENTS OF THE SPECIFICATION. SUCH REFERENCES 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
- LENGTH TOLERANCE:
±6 MM FOR LENGTHS 0.1 TO 0.4 METERS,
±10 MM FOR LENGTHS 0.4 TO 1.0 METERS.



RA-RA Assembly.



RA-ST Assembly.

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DESIGN REFERENCE		NEXT ASSEMBLY			
REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
B	73021	MAY 02, 2017 ADD 6 PAIR PINOUT		JG Liu	AUG 24, 2016
A	69548	AUG 24, 2016		Sajit Bandhu	AUG 24, 2016
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TITLE		CUSTOMER DRAWING SLIMLINE 85 OHM X4 30AWG CABLE ASSY			
CAGE NUMBER	SIZE	DRAWING NO.			
C	78-5100-2666-5	B			
MODEL	DET. LISTS	YES	NO	SHT 2 OF 2	

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Global Electronic Components Distributor

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