

B

78-5100-2666-5 B REVISION


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

B	73021	MAY 02, 2017 ADD 6 PAIR PINOUT		RAO	RAO	
A	69548	AUG 24, 2016		RAO	RAO	
REV	ECO	ISSUE DATE AND DESCRIPTION			DFT	CHKD
DFT RAO	Vittapalli	DATE AUG 24, 2016	MFG JG Liu	DATE AUG 24, 2016		
CHKD RAO	Vittapalli	DATE AUG 24, 2016	APPRV Saugit Bandhu	DATE AUG 24, 2016		

5

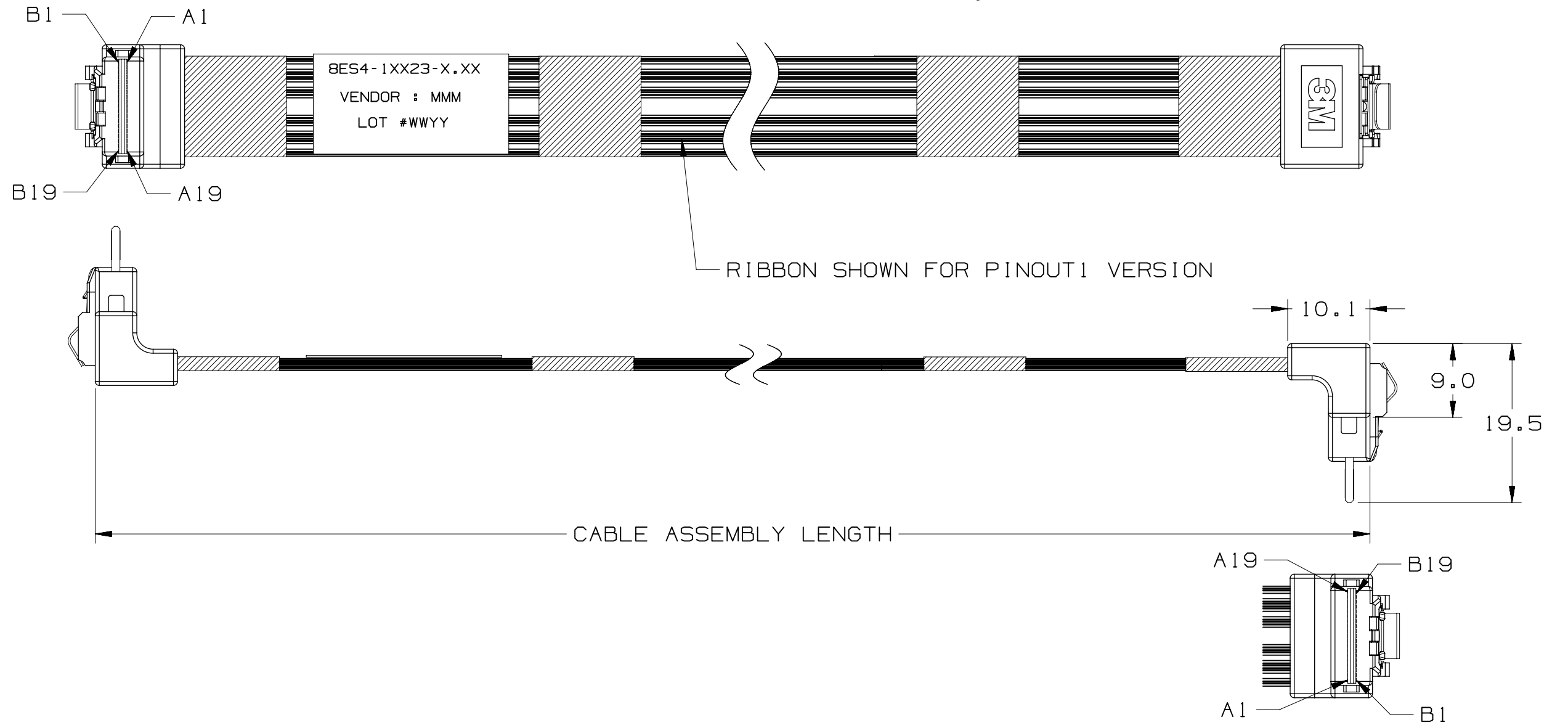
A

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

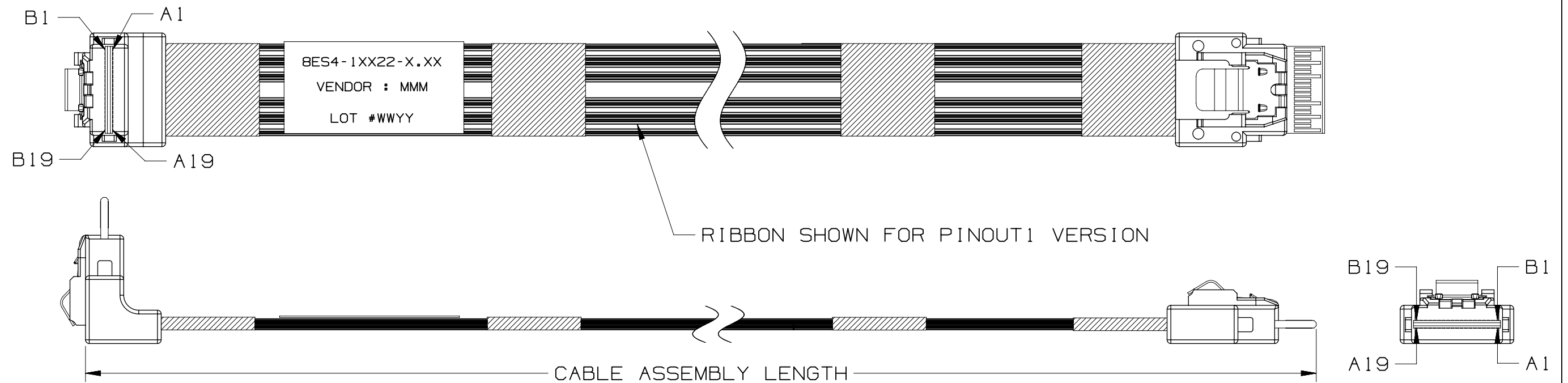
NOTES :

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/
FOR ROHS/REACH DECLARATION.
2. PADDLECARD PLATING:
30µ" MIN. GOLD PLATING
50µ" MIN. NICKEL UNDERPLATING.
P/N: 78-9102-4552-7 (4P+5SB)
P/N: 78-9102-3249-1 (6P)
3. SLIMLINE CABLE PLUG DIMENSIONS
ARE DESIGNED TO SFF-8654.
4. PRODUCT SPECIFICATION: PS-240.
5. 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.
6. 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.
7. 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.
8. 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
9. 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.



Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Warranty, Limited Remedy, and Disclaimer: Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

DESIGN REFERENCE		NEXT ASSEMBLY	
ACCESS CODES	US682 S9830a		
DIVISION		DIVISION CODE	
DO NOT SCALE DRAWING	SCALE 1/1	TOLERANCES EXCEPT AS NOTED	
THIRD ANGLE PROJECTION		INCHES .0 ±.00 .000 ±.0000 ±	
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS 0 ±1 .0 ±.5 .00 ±.2 .000 ±.005	
MAX SURFACE ROUGHNESS 125	ALL SURFACES MARKED ONLY	ANGLES ±1°	

B	73021	MAY 02,2017	RAO	RAO
A	69548	AUG 24,2016	RAO	RAO
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DRFT	Rao Vittopalli	DATE AUG 24,2016	WFG JG Liu	DATE AUG 24,2016
CHKD	Rao Vittopalli	DATE AUG 24,2016	APPLV Saujit Bandhu	DATE AUG 24,2016
3M 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.				
TITLE CUSTOMER DRAWING SLIMLINE 85 OHM X4 30AWG CABLE ASSY				
CAGE NUMBER	SIZE	DRAWING NO.	REV.	
C		78-5100-2666-5	B	
MODEL		DET. LISTS	YES	NO
		SHT	2	OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

3M:

[8ES4-1AA21-0.50](#) [8ES4-1AA21-0.75](#) [8ES4-1AA21-1.00](#) [8ES4-1DF21-0.50](#) [8ES4-1DF21-0.75](#) [8ES4-1DF21-1.00](#)