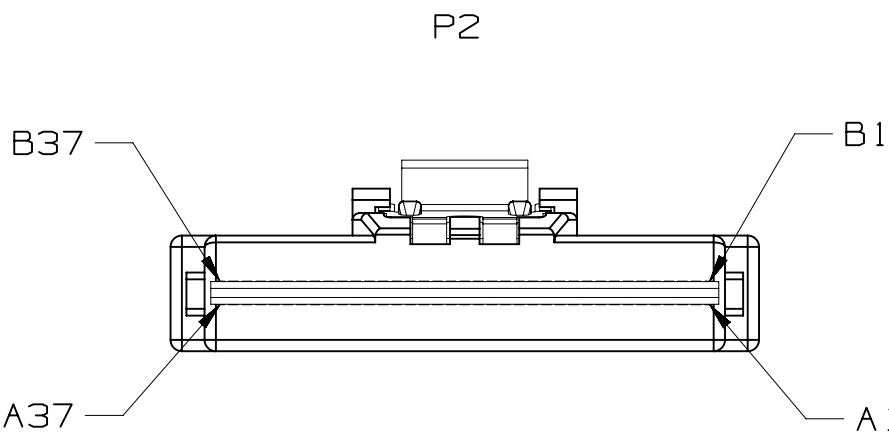
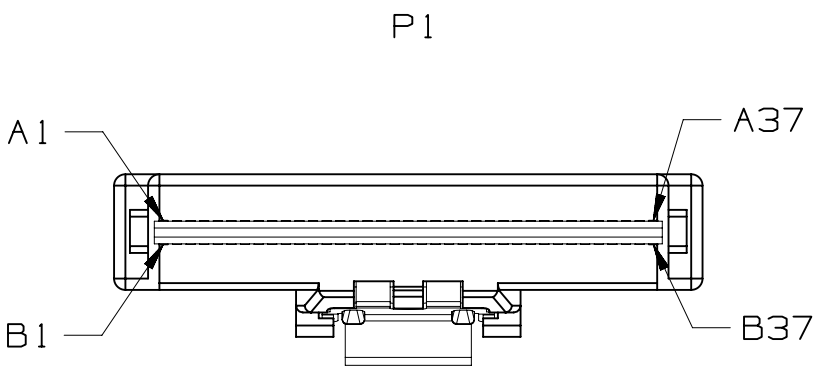
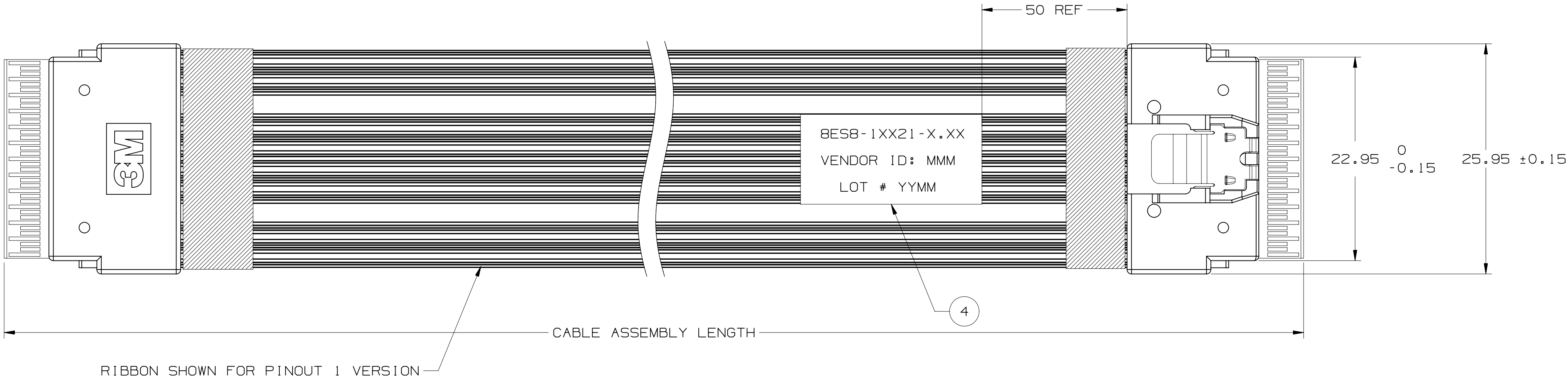


3M™ SlimLine Twin Axial Cable Assembly (SFF-8654) for SAS and PCIe applications



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
- PADLECARD 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.

PINOUT 1

| 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 | SB   | 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 | SB   | 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 | SB   | 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 | SB   | 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 |

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 |

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

LABEL INFORMATION

|      |                                      |               |
|------|--------------------------------------|---------------|
| 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      |

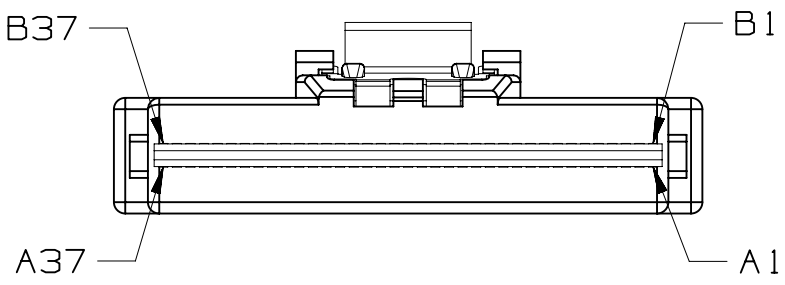
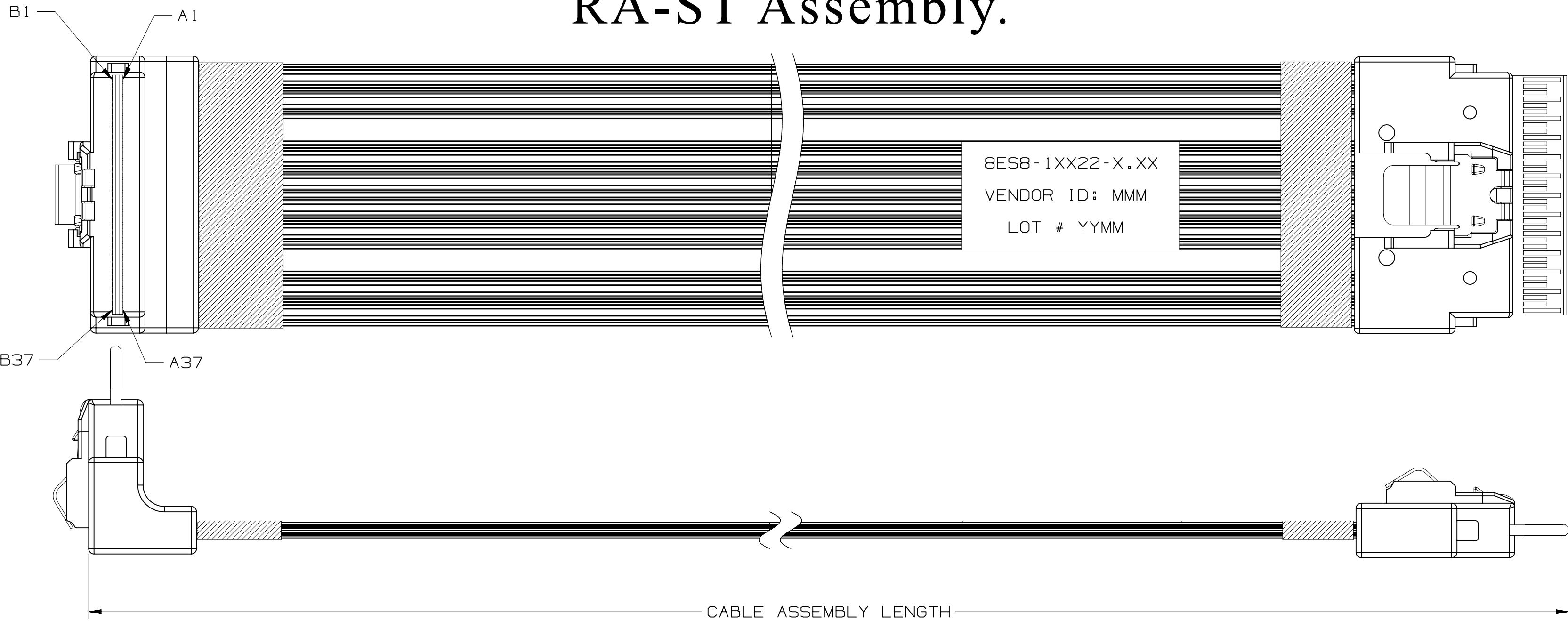
3M PART NUMBER : 8ES8-1XX2X-X.XX

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.

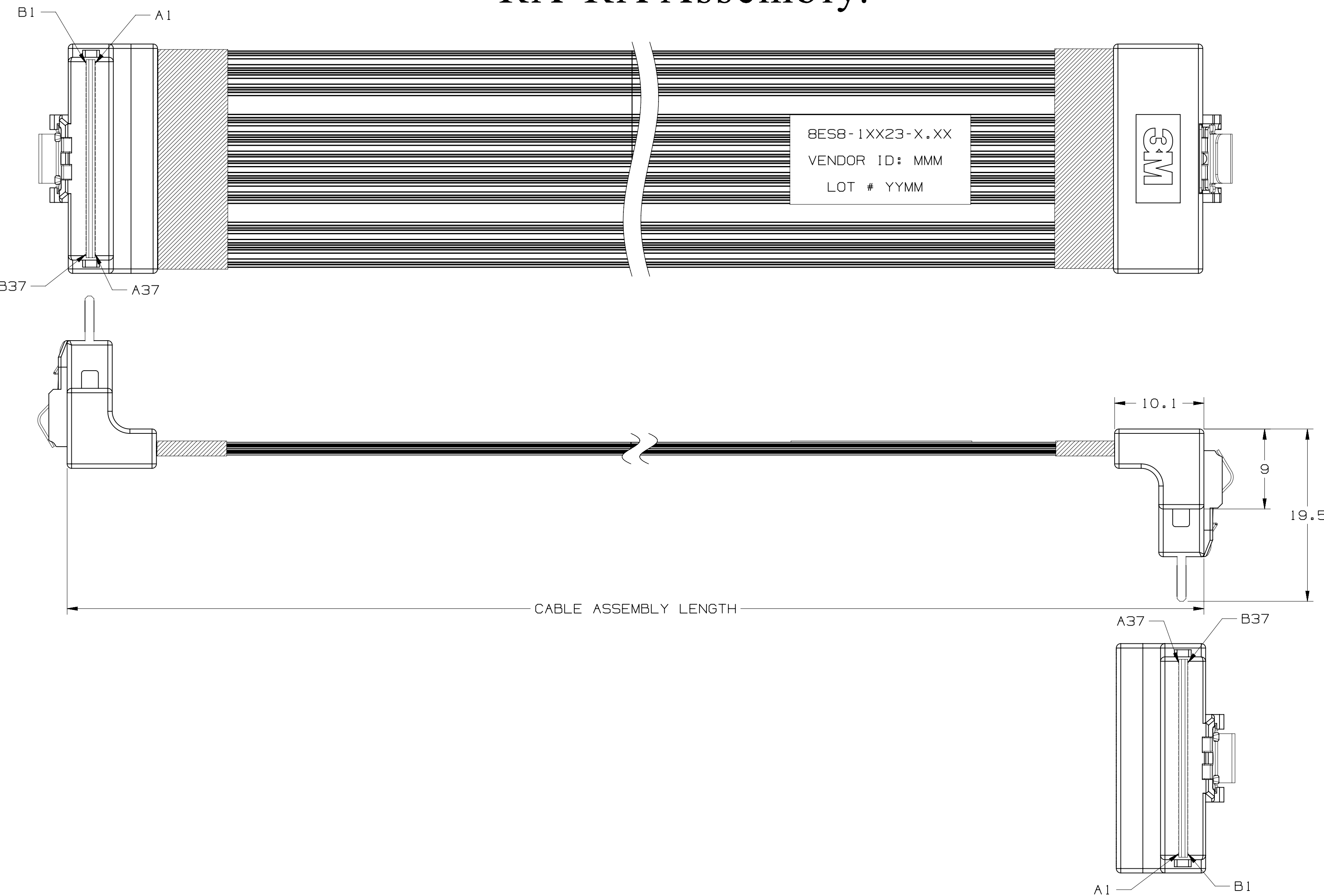
|                        |                                 |                                     |             |              |                |            |
|------------------------|---------------------------------|-------------------------------------|-------------|--------------|----------------|------------|
| DESIGN REFERENCE       | NEXT ASSEMBLY                   | B                                   | 73021       | APR 28,2017  | RAO            | RAO        |
| ACCESS CODES           | US662                           | US630a                              | A           | 69548        | JAN 10,2017    | RAO        |
| DIVISION               | 3M Center St. Paul, MN 55144    | DATE                                | AUG 23,2016 | DATE         | AUG 23,2016    | DATE       |
| DO NOT SCALE DRAWING   | SCALE                           | TOLERANCES EXCEPT AS NOTED          | INCHES      | 0.00 ±.000   | MILLIMETERS    | 0 ±.005    |
| THIRD ANGLE PROJECTION | INTERPRET PER ASME Y14.5 - 2009 | MAX SURFACE ROUGHNESS               | 125         | ALL SURFACES | MARKED ONLY    | ANGLES ±1° |
| TITLE                  | CUSTOMER DRAWING                | SLIMLINE 85 OHM X8 30AWG CABLE ASSY | CAGE NUMBER | D            | 78-5100-2665-7 | REV. B     |
| MODEL                  | 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              |             |
|--------------------------|---------------------------------|----------------------------|-------------|
| PROCESS 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°              |                                 |                            |             |

|                                                                                                                                                                                                                        |                |                            |               |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------|---------------|--------------|
| B                                                                                                                                                                                                                      | 73021          | APR 28, 2017               | RAO           | RAO          |
| A                                                                                                                                                                                                                      | 69548          | ADD 12P ASSY.              | Rao           | Rao          |
| REV                                                                                                                                                                                                                    | ECO            | ISSUE DATE AND DESCRIPTION | DRFT          | CHKD         |
| DRP                                                                                                                                                                                                                    | Rao Vittapalli | AUG 23, 2018               | Li JG         | AUG 23, 2018 |
| CHKD                                                                                                                                                                                                                   | Rao Vittapalli | AUG 23, 2018               | Saujit Bandhu | AUG 23, 2018 |
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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            | LISTS                      | YES           | NO           |
|                                                                                                                                                                                                                        |                | SHT                        | 2             | OF 2         |

## Данный компонент на территории Российской Федерации

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<http://moschip.ru/get-element>

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