

# 3M™ HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY

| REVISION RECORD |                            |          |
|-----------------|----------------------------|----------|
| REV.            | ECR/ECN/ECO NUMBER         | DATE     |
| A               | ECO-0037492                | 05/09/11 |
| B               | ECO-0042030                | 13/07/12 |
| C               | ECO-0043801, CABLE P/N CHG | 31/12/12 |



- NOTES :
- Regulatory Information.  
RoHs compliant, See the regulatory information appendix(RIA) in the "RoHs compliance" section of WWW.3Mconnectors.com compliance information (RIA E1 & C1 apply)
  - For custom cable length, contact 3M sales rep.
  - Cable part number : SL8803/04-10DN5-00
  - Product Specification: PS-0117.
  - 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
  - PVC overmoulding and PE Inner moulding at both ends.
  - Product meets SATA 3.0 signal integrity specifications.

### PART NUMBER SELECTION

5602-11-0142A-XXX  
Length in mm,000 refers to 1000mm.

| 3M PART NO.       | L(MM) |
|-------------------|-------|
| 5602-11-0142A-100 | 100   |
| 5602-11-0142A-200 | 200   |
| 5602-11-0142A-300 | 300   |
| 5602-11-0142A-400 | 400   |
| 5602-11-0142A-500 | 500   |
| 5602-11-0142A-600 | 600   |
| 5602-11-0142A-700 | 700   |
| 5602-11-0142A-800 | 800   |
| 5602-11-0142A-900 | 900   |
| 5602-11-0142A-000 | 1000  |

| PIN OUT |      |      |    |  |
|---------|------|------|----|--|
| P1      | TYPE | TYPE | P2 |  |
| 1       | G    | G    | 1  |  |
| 2       | A+   | A+   | 2  |  |
| 3       | A-   | A-   | 3  |  |
| 4       | G    | G    | 4  |  |
| 5       | B-   | B-   | 5  |  |
| 6       | B+   | B+   | 6  |  |
| 7       | G    | G    | 7  |  |

| ITEM | SPECIFICATION  | Q'TY | UNIT |
|------|--|------|------|
| 3    | CABLE : RIBBON TWIN AX , SL8803/04, UL AWM 21008,150V,80C<br>SIGNAL -SILVER PLATED COPPER WITH 30 AWG. | 1    | PC   |
| 2    | SATA CONN : 7P FEMALE 90° BLACK PBT30% 15*AU   | 1    | PC   |
| 1    | SATA CONN : 7P FEMALE 90° BLACK PBT30% 15*AU   | 1    | PC   |

|  |   |               |   |                            |  |            |
|--|---|---------------|---|----------------------------|--|------------|
| UNIT: MM   | DFTG RAD VITTAPALLI   | DATE 13/07/12 | <b>3M</b> APAC INNOVATION CENTRE  | DIVISION                   | ESD  | STATUS     |
| GEN. TOLERANCES  | CHKD RAD VITTAPALLI   | DATE 13/07/12 |   | MODEL                      |  | RELEASE    |
| LINEAR<br>.0 = ± 0.25<br>.00 = ± 0.15<br>.000 = ± 0.05 | APPVL ALAN ANG  | DATE 13/07/12 | TITLE SATA 7 PIN RIBBON TWINAX CABLE ASSEMBLY<br>RIGHT ANGLE TO RIGHT ANGLE W/O LATCH |                            |  |            |
| ANGLE ±1°  | THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO 3M COMPANY. NO REPRODUCTION OR PUBLICATION OF THIS DOCUMENT, IN WHOLE OR IN PART, SHALL BE MADE WITHOUT AUTHORIZATION FROM 3M. © 3M 2013. ALL RIGHTS RESERVED. |               | SIZE A3   | DRAWING NO. 78-5100-4897-8 | REV C  |            |
| PROJECTION   | INTERPRET PER ASME Y14.5M-1994  |               | SCALE : NTS   | DET LIST                   | <input type="checkbox"/> YES <input type="checkbox"/> NO | SHT 1 of 7 |
|  | CRITICAL DIMENSION: ▲   |               |   |                            |  |            |

# 3M™ HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY

| REVISION RECORD     |                    |      |
|---------------------|--------------------|------|
| REV.                | ECR/ECN/ECO NUMBER | DATE |
| REFER TO SHT 1 OF 7 |                    |      |



**NOTES :**

- Regulatory Information.  
RoHs compliant, See the regulatory information appendix(RIA) in the "RoHs compliance" section of [WWW.3Mconnectors.com](http://WWW.3Mconnectors.com) compliance information (RIA E1 & C1 apply)
- For custom cable length, contact 3M sales rep.
- Cable Part number: SL8803/04-10DN5-00
- Product Specification: PS-0117.
- 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
- PVC overmoulding and PE Inner moulding at both ends.
- Product meets SATA 3.0 signal integrity specifications.

**PART NUMBER SELECTION**

5602-12-0142A-XXX  
Length in mm,000 refers to 1000mm.

| 3M PART NO.       | L(MM) |
|-------------------|-------|
| 5602-12-0142A-100 | 100   |
| 5602-12-0142A-200 | 200   |
| 5602-12-0142A-300 | 300   |
| 5602-12-0142A-400 | 400   |
| 5602-12-0142A-500 | 500   |
| 5602-12-0142A-600 | 600   |
| 5602-12-0142A-700 | 700   |
| 5602-12-0142A-800 | 800   |
| 5602-12-0142A-900 | 900   |
| 5602-12-0142A-000 | 1000  |

| PIN OUT |      |      |    |
|---------|------|------|----|
| P1      | TYPE | TYPE | P2 |
| 1       | G    | G    | 1  |
| 2       | A+   | A+   | 2  |
| 3       | A-   | A-   | 3  |
| 4       | G    | G    | 4  |
| 5       | B-   | B-   | 5  |
| 6       | B+   | B+   | 6  |
| 7       | G    | G    | 7  |

| ITEM | SPECIFICATION   | Q'TY | UNIT |
|------|---|------|------|
| 3    | CABLE : RIBBON TWIN AX , SL8803/04, UL AWM 21008,150V,80C<br>SIGNAL -SILVER PLATED COPPER CONDUCTOR 30 AWG. | 1    | PC   |
| 2    | SATA CONN : 7P FEMALE 90° BLACK PBT 30%GF 15*AU   | 1    | PC   |
| 1    | SATA CONN : 7P FEMALE 180° BLACK PBT 30%GF 15*AU  | 1    | PC   |

|  |   |               |   |                            |  |
|--|---|---------------|---|----------------------------|--|
| UNIT: MM   | DFTG RAD VITTAPALLI   | DATE 13/07/12 | <b>3M</b> APAC INNOVATION CENTRE  | DIVISION ESD               | STATUS   |
| GEN. TOLERANCES  | CHKD RAD VITTAPALLI   | DATE 13/07/12 |   | MODEL                      | RELEASE  |
| LINEAR<br>.0 = ± 0.25<br>.00 = ± 0.15<br>.000 = ± 0.05 | APPVL ALAN ANG  | DATE 13/07/12 | TITLE SATA 7 PIN RIBBON TWINAX CABLE ASSEMBLY STRAIGHT TO RIGHT ANGLE W/O LATCH |                            |  |
| ANGLE ±1°  | THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO 3M COMPANY. NO REPRODUCTION OR PUBLICATION OF THIS DOCUMENT, IN WHOLE OR IN PART, SHALL BE MADE WITHOUT AUTHORIZATION FROM 3M. © 3M 2013. ALL RIGHTS RESERVED. |               | SIZE A3   | DRAWING NO. 78-5100-4897-8 | REV C  |
| PROJECTION   | INTERPRET PER ASME Y14.5M-1994  | SCALE : NTS   |   | DET LIST                   | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| CRITICAL DIMENSION: ▲                                  |   | SHT 2 of 7    |   |                            |  |

# 3M™ HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY

| REVISION RECORD     |                    |      |
|---------------------|--------------------|------|
| REV.                | ECR/ECN/ECO NUMBER | DATE |
| REFER TO SHT 1 OF 7 |                    |      |



**NOTES :**

- Regulatory Information.  
RoHs compliant, See the regulatory information appendix(RIA) in the "RoHs compliance" section of [WWW.3Mconnectors.com](http://WWW.3Mconnectors.com) compliance information (RIA E1 & C1 apply)
- For custom cable length, contact 3M sales rep.
- Cable Part number : SL8803/04-10DN5-00
- Product Specification: PS-0117.
- 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
- PVC overmoulding and PE Inner moulding at both ends.
- Product meets SATA 3.0 signal integrity specifications.

**PART NUMBER SELECTION**

5602-21-0142A-XXX  
Length in mm,000 refers to 1000mm.

| 3M PART NO.       | L(MM) |
|-------------------|-------|
| 5602-21-0142A-100 | 100   |
| 5602-21-0142A-200 | 200   |
| 5602-21-0142A-300 | 300   |
| 5602-21-0142A-400 | 400   |
| 5602-21-0142A-500 | 500   |
| 5602-21-0142A-600 | 600   |
| 5602-21-0142A-700 | 700   |
| 5602-21-0142A-800 | 800   |
| 5602-21-0142A-900 | 900   |
| 5602-21-0142A-000 | 1000  |

| PIN OUT |      |      |    |
|---------|------|------|----|
| P1      | TYPE | TYPE | P2 |
| 1       | G    | G    | 1  |
| 2       | A+   | A+   | 2  |
| 3       | A-   | A-   | 3  |
| 4       | G    | G    | 4  |
| 5       | B-   | B-   | 5  |
| 6       | B+   | B+   | 6  |
| 7       | G    | G    | 7  |

| ITEM | SPECIFICATION   | Q'TY | UNIT |
|------|---|------|------|
| 3    | CABLE : RIBBON TWIN AX , SL8803/04, UL AWM 21008,150V,80C | 1    | PC   |
|      | SIGNAL -SILVER PLATED COPPER CONDUCTOR 30 AWG.            |      |      |
| 2    | SATA CONN : 7P FEMALE 90° BLACK PBT 30%GF 15*AU           | 1    | PC   |
| 1    | SATA CONN : 7P FEMALE 180° BLACK PBT 30%GF 15*AU          | 1    | PC   |

|  |   |               |   |                            |  |            |
|--|---|---------------|---|----------------------------|--|------------|
| UNIT: MM   | DFTG RAD VITTAPALLI   | DATE 13/07/12 | <b>3M</b> APAC INNOVATION CENTRE  | DIVISION                   | ESD  | STATUS     |
| GEN. TOLERANCES  | CHKD RAD VITTAPALLI   | DATE 13/07/12 |   | MODEL                      |  | RELEASE    |
| LINEAR<br>.0 = ± 0.25<br>.00 = ± 0.15<br>.000 = ± 0.05 | APPVL ALAN ANG  | DATE 13/07/12 | TITLE SATA 7 PIN RIBBON TWINAX CABLE ASSEMBLY STRAIGHT TO RIGHT ANGLE W/O LATCH |                            |  |            |
| ANGLE ±1°  | THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO 3M COMPANY. NO REPRODUCTION OR PUBLICATION OF THIS DOCUMENT, IN WHOLE OR IN PART, SHALL BE MADE WITHOUT AUTHORIZATION FROM 3M. © 3M 2013. ALL RIGHTS RESERVED. |               | SIZE A3   | DRAWING NO. 78-5100-4897-8 | REV C  |            |
| PROJECTION   | INTERPRET PER ASME Y14.5M-1994  |               | SCALE : NTS   | DET LIST                   | <input type="checkbox"/> YES <input type="checkbox"/> NO | SHT 3 of 7 |
|  | CRITICAL DIMENSION: ▲   |               |   |                            |  |            |

# 3M™ HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY

| REVISION RECORD     |                    |      |
|---------------------|--------------------|------|
| REV.                | ECR/ECN/ECO NUMBER | DATE |
| REFER TO SHT 1 OF 7 |                    |      |



### NOTES :

- Regulatory Information.  
RoHs compliant, See the regulatory information appendix(RIA) in the "RoHs compliance" section of WWW.3Mconnectors.com compliance information (RIA E1 & C1 apply)
- For custom cable length, contact 3M sales rep.
- Cable Part number: SL8803/04-10DN5-00
- Product Specification: PS-0117.
- 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
- PVC overmoulding and PE Inner moulding at both ends.
- Product meets SATA 3.0 signal integrity specifications.

### PART NUMBER SELECTION

5602-22-0142A-XXX  
Length in mm,000 refers to 1000mm.

| 3M PART NO.       | L(MM) |
|-------------------|-------|
| 5602-22-0142A-100 | 100   |
| 5602-22-0142A-200 | 200   |
| 5602-22-0142A-300 | 300   |
| 5602-22-0142A-400 | 400   |
| 5602-22-0142A-500 | 500   |
| 5602-22-0142A-600 | 600   |
| 5602-22-0142A-700 | 700   |
| 5602-22-0142A-800 | 800   |
| 5602-22-0142A-900 | 900   |
| 5602-22-0142A-000 | 1000  |

| PIN OUT |      |      |    |
|---------|------|------|----|
| P1      | TYPE | TYPE | P2 |
| 1       | G    | G    | 1  |
| 2       | A+   | A+   | 2  |
| 3       | A-   | A-   | 3  |
| 4       | G    | G    | 4  |
| 5       | B-   | B-   | 5  |
| 6       | B+   | B+   | 6  |
| 7       | G    | G    | 7  |

| ITEM | SPECIFICATION   | Q'TY | UNIT |
|------|---|------|------|
| 2    | CABLE : RIBBON TWIN AX , SL8803/04, UL AWM 21008,150V,80C | 1    | PC   |
|      | SIGNAL -SILVER PLATED COPPER CONDUCTOR WITH 30 AWG.       |      |      |
| 1    | SATA CONN : 7P FEMALE 180° BLACK PBT 30GF , 15"AU         | 2    | PCS  |

|  |   |               |             |  |  |            |
|--|---|---------------|-------------|--|--|------------|
| UNIT: MM   | DFTG RAD VITTAPALLI   | DATE 13/07/12 |             | DIVISION   | ESD  | STATUS     |
| GEN. TOLERANCES  | CHKD RAD VITTAPALLI   | DATE 13/07/12 |             | MODEL  |  | RELEASE    |
| LINEAR<br>.0 = ± 0.25<br>.00 = ± 0.15<br>.000 = ± 0.05 | APPVL ALAN ANG  | DATE 13/07/12 | TITLE       | SATA 7 PIN RIBBON TWINAX CABLE ASSEMBLY STRAIGHT TO STRAIGHT W/O LATCH |  |            |
| ANGLE ±1°  | THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO 3M COMPANY. NO REPRODUCTION OR PUBLICATION OF THIS DOCUMENT, IN WHOLE OR IN PART, SHALL BE MADE WITHOUT AUTHORIZATION FROM 3M. © 3M 2013. ALL RIGHTS RESERVED. |               | SIZE A3     | DRAWING NO.  | 78-5100-4897-8   | REV C      |
| PROJECTION   | INTERPRET PER ASME Y14.5M-1994  |               | SCALE : NTS | DET LIST   | <input type="checkbox"/> YES <input type="checkbox"/> NO | SHT 4 of 7 |
|  | CRITICAL DIMENSION: ▲   |               |             |  |  |            |

# 3M™ HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY

| REVISION RECORD      |                    |      |
|----------------------|--------------------|------|
| REV.                 | ECR/ECN/ECO NUMBER | DATE |
| REFER TO SHIT 1 OF 7 |                    |      |



### NOTES :

- Regulatory Information.  
RoHs compliant, See the regulatory information appendix(RIA) in the "RoHs compliance" section of WWW.3Mconnectors.com compliance information (RIA E1 & C1 apply)
- For custom cable length, contact 3M sales rep.
- Cable part number: SL8803/04-10DN5-00
- Product Specification: PS-0117.
- 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
- PVC overmoulding and PE Inner moulding at both ends.
- Product meets SATA 3.0 signal integrity specifications.

### PART NUMBER SELECTION

5602-33-0142A-XXX  
Length in mm,000 refers to 1000mm.

| 3M PART NO.       | L(MM) |
|-------------------|-------|
| 5602-33-0142A-100 | 100   |
| 5602-33-0142A-200 | 200   |
| 5602-33-0142A-300 | 300   |
| 5602-33-0142A-400 | 400   |
| 5602-33-0142A-500 | 500   |
| 5602-33-0142A-600 | 600   |
| 5602-33-0142A-700 | 700   |
| 5602-33-0142A-800 | 800   |
| 5602-33-0142A-900 | 900   |
| 5602-33-0142A-000 | 1000  |

### PIN OUT

| P1 | TYPE | TYPE | P2 |
|----|------|------|----|
| 1  | G    | G    | 1  |
| 2  | A+   | A+   | 2  |
| 3  | A-   | A-   | 3  |
| 4  | G    | G    | 4  |
| 5  | B-   | B-   | 5  |
| 6  | B+   | B+   | 6  |
| 7  | G    | G    | 7  |

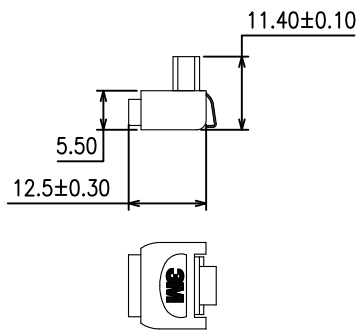
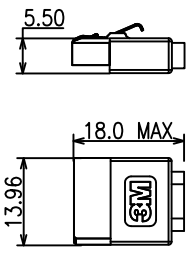
| ITEM | SPECIFICATION   | Q'TY | UNIT |
|------|---|------|------|
| 3    | CABLE : RIBBON TWIN AX , SL8803/04, UL AWM 21008,150V,80C SIGNAL -SILVER PLATED COPPER WITH 30 AWG. | 1    | PC   |
| 2    | SATA CONN : 7P FEMALE 90° BLACK PBT30% 15*AU WITH LATCH   | 1    | PC   |
| 1    | SATA CONN : 7P FEMALE 90° BLACK PBT30% 15*AU WITH LATCH   | 1    | PC   |

|  |   |               |   |   |                |
|--|---|---------------|---|---|----------------|
| UNIT: MM   | DFTG RAD VITTAPALLI   | DATE 13/07/12 | <b>3M</b> APAC INNOVATION CENTRE  | DIVISION ESD  | STATUS RELEASE |
| GEN. TOLERANCES  | CHKD RAD VITTAPALLI   | DATE 13/07/12 |   | MODEL   |                |
| LINEAR<br>.0 = ± 0.25<br>.00 = ± 0.15<br>.000 = ± 0.05 | APPVL ALAN ANG  | DATE 13/07/12 | TITLE SATA 7 PIN RIBBON TWINAX CABLE ASSEMBLY RIGHT ANGLE TO RIGHT ANGLE WITH LATCH |   |                |
| ANGLE ±1°  | THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO 3M COMPANY. NO REPRODUCTION OR PUBLICATION OF THIS DOCUMENT, IN WHOLE OR IN PART, SHALL BE MADE WITHOUT AUTHORIZATION FROM 3M. © 3M 2013. ALL RIGHTS RESERVED. |               | SIZE A3   | DRAWING NO. 78-5100-4897-8  | REV C          |
| PROJECTION   | INTERPRET PER ASME Y14.5M-1994  |               | SCALE : NTS   | DET LIST <input type="checkbox"/> YES <input type="checkbox"/> NO | SHT 5 of 7     |
|  | CRITICAL DIMENSION: ▲   |               |   |   |                |

WWW.3Mconnectors.com

# 3M™ HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY

| REVISION RECORD     |                    |      |
|---------------------|--------------------|------|
| REV.                | ECR/ECN/ECO NUMBER | DATE |
| REFER TO SHT 1 OF 7 |                    |      |



### NOTES :

- Regulatory Information.  
RoHs compliant, See the regulatory information appendix(RIA) in the "RoHs compliance" section of WWW.3Mconnectors.com compliance information (RIA E1 & C1 apply)
- For custom cable length, contact 3M sales rep.
- Cable Part number: SL8803/04-10DN5-00
- Product Specification: PS-0117.
- 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
- PVC overmoulding and PE Inner moulding at both ends.
- Product meets SATA 3.0 signal integrity specifications.

### PART NUMBER SELECTION

5602-34-0142A-XXX  
Length in mm,000 refers to 1000mm.

| 3M PART NO.       | L(MM) |
|-------------------|-------|
| 5602-34-0142A-100 | 100   |
| 5602-34-0142A-200 | 200   |
| 5602-34-0142A-300 | 300   |
| 5602-34-0142A-400 | 400   |
| 5602-34-0142A-500 | 500   |
| 5602-34-0142A-600 | 600   |
| 5602-34-0142A-700 | 700   |
| 5602-34-0142A-800 | 800   |
| 5602-34-0142A-900 | 900   |
| 5602-34-0142A-000 | 1000  |

| PIN OUT |      |      |    |
|---------|------|------|----|
| P1      | TYPE | TYPE | P2 |
| 1       | G    | G    | 1  |
| 2       | A+   | A+   | 2  |
| 3       | A-   | A-   | 3  |
| 4       | G    | G    | 4  |
| 5       | B-   | B-   | 5  |
| 6       | B+   | B+   | 6  |
| 7       | G    | G    | 7  |

| ITEM | SPECIFICATION   | Q'TY | UNIT |
|------|---|------|------|
| 3    | CABLE : RIBBON TWIN AX , SL8803/04, UL AWM 21008,150V,80C<br>SIGNAL -SILVER PLATED COPPER CONDUCTOR 30 AWG. | 1    | PC   |
| 2    | SATA CONN : 7P FEMALE 90° BLACK PBT 30%GF 15*AU WITH LATCH  | 1    | PC   |
| 1    | SATA CONN : 7P FEMALE 180° BLACK PBT 30%GF 15*AU WITH LATCH   | 1    | PC   |

|  |   |               |  |                            |  |            |
|--|---|---------------|--|----------------------------|--|------------|
| UNIT: MM   | DFTG RAD VITTAPALLI   | DATE 13/07/12 | <b>3M</b> APAC INNOVATION CENTRE   | DIVISION                   | ESD  | STATUS     |
| GEN. TOLERANCES  | CHKD RAD VITTAPALLI   | DATE 13/07/12 |  | MODEL                      |  | RELEASE    |
| LINEAR<br>.0 = ± 0.25<br>.00 = ± 0.15<br>.000 = ± 0.05 | APPVL ALAN ANG  | DATE 13/07/12 | TITLE SATA 7 PIN RIBBON TWINAX CABLE ASSEMBLY STRAIGHT TO RIGHT ANGLE WITH LATCH |                            |  |            |
| ANGLE ±1°  | THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO 3M COMPANY. NO REPRODUCTION OR PUBLICATION OF THIS DOCUMENT, IN WHOLE OR IN PART, SHALL BE MADE WITHOUT AUTHORIZATION FROM 3M. © 3M 2013. ALL RIGHTS RESERVED. |               | SIZE A3  | DRAWING NO. 78-5100-4897-8 | REV C  |            |
| PROJECTION   | INTERPRET PER ASME Y14.5M-1994  | SCALE : NTS   |  | DET LIST                   | <input type="checkbox"/> YES <input type="checkbox"/> NO | SHT 6 of 7 |
| CRITICAL DIMENSION: ▲                                  |   |               |  |                            |  |            |

WWW.3Mconnectors.com

# 3M™ HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY

| REVISION RECORD     |                    |      |
|---------------------|--------------------|------|
| REV.                | ECR/ECN/ECO NUMBER | DATE |
| REFER TO SHT 1 OF 7 |                    |      |



### NOTES :

- Regulatory Information.  
RoHs compliant, See the regulatory information appendix(RIA) in the "RoHs compliance" section of [WWW.3Mconnectors.com](http://WWW.3Mconnectors.com) compliance information (RIA E1 & C1 apply)
- For custom cable length, contact 3M sales rep.
- Cable Part number: SL8803/04-10DN5-00
- Product Specification: PS-0117.
- 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
- PVC overmoulding and PE Inner moulding at both ends.
- Product meets SATA 3.0 signal integrity specifications.

### PART NUMBER SELECTION

5602-44-0142A-XXX  
Length in mm,000 refers to 1000mm.

| 3M PART NO.       | L(MM) |
|-------------------|-------|
| 5602-44-0142A-100 | 100   |
| 5602-44-0142A-200 | 200   |
| 5602-44-0142A-300 | 300   |
| 5602-44-0142A-400 | 400   |
| 5602-44-0142A-500 | 500   |
| 5602-44-0142A-600 | 600   |
| 5602-44-0142A-700 | 700   |
| 5602-44-0142A-800 | 800   |
| 5602-44-0142A-900 | 900   |
| 5602-44-0142A-000 | 1000  |

| PIN OUT |      |      |    |
|---------|------|------|----|
| P1      | TYPE | TYPE | P2 |
| 1       | G    | G    | 1  |
| 2       | A+   | A+   | 2  |
| 3       | A-   | A-   | 3  |
| 4       | G    | G    | 4  |
| 5       | B-   | B-   | 5  |
| 6       | B+   | B+   | 6  |
| 7       | G    | G    | 7  |

| ITEM | SPECIFICATION  | Q'TY | UNIT |
|------|--|------|------|
| 2    | CABLE : RIBBON TWIN AX , SL8803/04, UL AWM 21008,150V,80C    | 1    | PC   |
|      | SIGNAL -SILVER PLATED COPPER CONDUCTOR WITH 30 AWG.          |      |      |
| 1    | SATA CONN : 7P FEMALE 180° BLACK PBT 30GF , 15°AU WITH LATCH | 2    | PCS  |

|  |   |               |         |   |            |
|--|---|---------------|---------|---|------------|
| UNIT: MM   | DFTG RAD VITTAPALLI   | DATE 13/07/12 |         | DIVISION ESD  | STATUS     |
| GEN. TOLERANCES  | CHKD RAD VITTAPALLI   | DATE 13/07/12 |         | MODEL   | RELEASE    |
| LINEAR<br>.0 = ± 0.25<br>.00 = ± 0.15<br>.000 = ± 0.05 | APPVL ALAN ANG  | DATE 13/07/12 |         | TITLE SATA 7 PIN RIBBON TWINAX CABLE ASSEMBLY STRAIGHT TO STRAIGHT WITH LATCH |            |
| ANGLE ±1°  | THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO 3M COMPANY. NO REPRODUCTION OR PUBLICATION OF THIS DOCUMENT, IN WHOLE OR IN PART, SHALL BE MADE WITHOUT AUTHORIZATION FROM 3M. © 3M 2013. ALL RIGHTS RESERVED. |               | SIZE A3 | DRAWING NO. 78-5100-4897-8  | REV C      |
| PROJECTION   | INTERPRET PER ASME Y14.5M-1994  | SCALE : NTS   |         | DET LIST <input type="checkbox"/> YES <input type="checkbox"/> NO             | SHT 7 of 7 |

[WWW.3Mconnectors.com](http://WWW.3Mconnectors.com)



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.