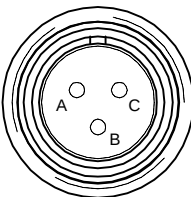
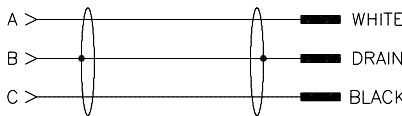
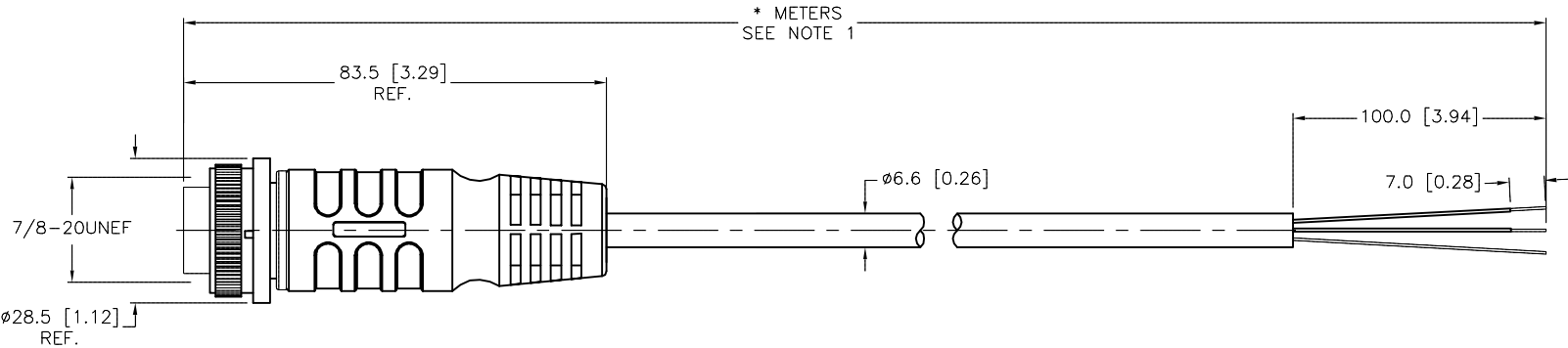


| FEMALE END VIEW                                                                                                               |  | WIRING DIAGRAM                                                                    |  | SPECIFICATIONS                |                                         |
|-------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|--|-------------------------------|-----------------------------------------|
|  <p>A = WHITE<br/>B = DRAIN<br/>C = BLACK</p> |  |  |  | CONTACT CARRIER MATERIAL      | NEOPRENE                                |
| <p>CONNECTOR<br/>TYPE/STYLE - MS 3106M<br/>SHELL SIZE - 14S<br/>INSERT ARRANGEMENT - 7S</p>                                   |  |                                                                                   |  | MOLDED HEAD MATERIAL/COLOR    | TPU/BLACK                               |
|                                                                                                                               |  |                                                                                   |  | CONTACT MATERIAL/PLATING      | COPPER ALLOY/SILVER                     |
|                                                                                                                               |  |                                                                                   |  | COUPLING NUT MATERIAL/PLATING | ALUMINUM ALLOY/OLIVE DRAB CHROMATE      |
|                                                                                                                               |  |                                                                                   |  | MOLD SLEEVE                   | BRASS/NICKEL                            |
|                                                                                                                               |  |                                                                                   |  | RATED CURRENT [A]             | 10.0 A                                  |
|                                                                                                                               |  |                                                                                   |  | RATED VOLTAGE [V]             | 300 V                                   |
|                                                                                                                               |  |                                                                                   |  | OUTER JACKET MATERIAL/COLOR   | PVC/BLACK                               |
|                                                                                                                               |  |                                                                                   |  | CONDUCTOR INSULATION MATERIAL | PVC                                     |
|                                                                                                                               |  |                                                                                   |  | NUMBER OF CONDUCTORS          | 2x18 AWG                                |
|                                                                                                                               |  |                                                                                   |  | DRAIN/SHIELD                  | 20 AWG DRAIN/FOIL & TINNED-COPPER BRAID |
|                                                                                                                               |  |                                                                                   |  | TEMPERATURE RATING            | -40°C to +105°C (-40°F to +221°F)       |
|                                                                                                                               |  |                                                                                   |  | CONNECTOR TYPE                | MIL-DTL-5015                            |

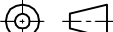


| CABLE LENGTH                | TOLERANCE*                                                                  |
|-----------------------------|-----------------------------------------------------------------------------|
| ALL LENGTHS                 | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH<br>WHICHEVER IS GREATER |
| STRIP LENGTH                | TOLERANCE*                                                                  |
| 0-7mm                       | ±0.5mm                                                                      |
| 8-29mm                      | ±1.0mm                                                                      |
| 30-49mm                     | ±2.0mm                                                                      |
| 50-69mm                     | ±3.0mm                                                                      |
| 70-100mm                    | ±4.0mm                                                                      |
| OVER 100mm                  | ±5.0mm                                                                      |
| *UNLESS OTHERWISE SPECIFIED |                                                                             |

NOTES:

- "\*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.
- "/S1167" DESIGNATES THE OLD DESIGN FOR THE MIL-SPEC OVERMOLD PLUG BODY.

SOURCE DRAWING - FOR REFERENCE ONLY

|                                                                                                                                                                                                     |                 |                                    |          |                                            |                      |  |                                                                                       |                    |                                                                                                                            |              |                                                                                                                   |  |                                            |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------|----------|--------------------------------------------|----------------------|--|---------------------------------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------|--|
| <div>NOTES:</div> <div>1. "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.</div> <div>2. "/S1167" DESIGNATES THE OLD DESIGN FOR THE MIL-SPEC OVERMOLD PLUG BODY.</div> |                 |                                    |          |                                            | RELATED DOCUMENTS    |  | 3RD ANGLE PROJECTION                                                                  |                    | THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. |              | 3000 CAMPUS DRIVE<br>MINNEAPOLIS, MN 55441<br>1-800-544-7769<br>(763) 553-7300<br>(763) 553-0708 fax<br>turck.com |  |                                            |  |
|                                                                                                                                                                                                     |                 |                                    |          |                                            | 1.<br>2.<br>3.<br>4. |  |  |                    |                                                                                                                            |              |                                                                                                                   |  |                                            |  |
|                                                                                                                                                                                                     |                 |                                    |          |                                            | MATERIAL             |  | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY                       |                    | DRFT RDS                                                                                                                   |              | DATE 09/25/13                                                                                                     |  | DESCRIPTION<br>MS 3106M-14S-7S-310-*/S1167 |  |
|                                                                                                                                                                                                     |                 |                                    |          |                                            | SEE SPECIFICATIONS   |  |                                                                                       |                    | APVD M.B.                                                                                                                  |              | SCALE 1=1.5                                                                                                       |  |                                            |  |
| FINISH                                                                                                                                                                                              |                 | CONTACT TURCK FOR MORE INFORMATION |          | UNIT OF MEASUREMENT<br>MILLIMETER [ INCH ] |                      |  |                                                                                       | IDENTIFICATION NO. |                                                                                                                            | REV<br>A     |                                                                                                                   |  |                                            |  |
| SEE SPECIFICATIONS                                                                                                                                                                                  |                 |                                    |          | DO NOT SCALE THIS DRAWING                  |                      |  |                                                                                       | FILE: 777032315    |                                                                                                                            | SHEET 1 OF 1 |                                                                                                                   |  |                                            |  |
| A                                                                                                                                                                                                   | DRAWING RELEASE | KMY                                | 09/30/13 |                                            |                      |  |                                                                                       |                    |                                                                                                                            |              |                                                                                                                   |  |                                            |  |
| REV                                                                                                                                                                                                 | DESCRIPTION     | BY                                 | DATE     | ECO NO.                                    |                      |  |                                                                                       |                    |                                                                                                                            |              |                                                                                                                   |  |                                            |  |