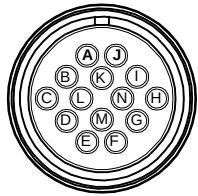


## FEMALE END VIEW

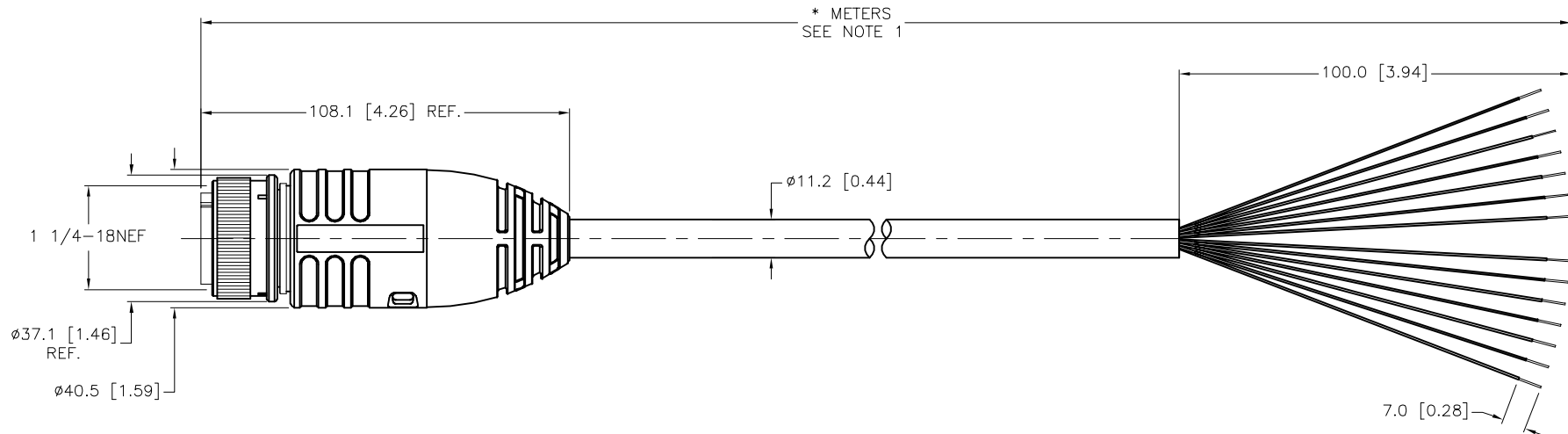


A = VIOLET  
B = RED  
C = GRAY  
D = RED/BLU  
E = GREEN  
F = BLUE  
G = GRN/PNK  
H = WHITE  
I = YELLOW  
J = PINK  
K = GRN/YEL  
L = BROWN  
M = BRN/GRN  
N = BLACK

CONNECTOR  
TYPE/STYLE - MS 3106M  
SHELL SIZE - 20  
INSERT ARRANGEMENT - 27S

## SPECIFICATIONS

|                               |                                        |
|-------------------------------|----------------------------------------|
| CONTACT CARRIER MATERIAL      | NEOPRENE                               |
| MOLDED HEAD MATERIAL/COLOR    | PVC/BLACK                              |
| CONTACT MATERIAL/PLATING      | COPPER ALLOY/SILVER                    |
| COUPLING NUT MATERIAL/PLATING | ALUMINUM ALLOY/OLIVE DRAB CHROMATE     |
| MOLD SLEEVE                   | ALUMINUM/BLACK ANODIZED                |
| RATED CURRENT [A]             | 5.5 A                                  |
| RATED VOLTAGE [V]             | 500 V                                  |
| OUTER JACKET MATERIAL/COLOR   | PVC/YELLOW                             |
| CONDUCTOR INSULATION MATERIAL | PVC                                    |
| NUMBER OF CONDUCTORS          | 14x18 AWG                              |
| TEMPERATURE RATING            | -40°C to +105°C (-40°F to +221°F)      |
| PROTECTION CLASS              | MEETS NEMA 1,3,4,6P AND IEC IP67, IP68 |
| CONNECTOR TYPE                | MIL-DTL-5015                           |



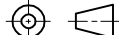
| CABLE LENGTH | TOLERANCE*                                                                  |
|--------------|-----------------------------------------------------------------------------|
| ALL LENGTHS  | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH<br>WHICHEVER IS GREATER |
| STRIP LENGTH | 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:

1. "\*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.

SOURCE DRAWING - FOR REFERENCE ONLY

|                                           |                                                                                                                          |                                                                                       |       |                                                                                                                                              |                                                                                       |                                           |                                                                                                                      |       |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------|
| RELATED DOCUMENTS<br>1.<br>2.<br>3.<br>4. | 3RD ANGLE<br>PROJECTION                                                                                                  |  |       | THIS DRAWING IS<br>CONFIDENTIAL AND THE<br>PROPERTY OF TURCK<br>INC. USE OF THIS<br>DOCUMENT WITHOUT<br>WRITTEN PERMISSION IS<br>PROHIBITED. |  |                                           | 3000 CAMPUS DRIVE<br>MINNEAPOLIS, MN 55441<br>1-800-544-7769<br>(763) 553-7300<br>(763) 553-0708 fax<br>www.turck.us |       |
|                                           |                                                                                                                          |                                                                                       |       |                                                                                                                                              |                                                                                       |                                           |                                                                                                                      |       |
| MATERIAL<br><br>SEE SPECIFICATIONS        | ALL DIMENSIONS<br>DISPLAYED ON THIS<br>DRAWING ARE FOR<br>REFERENCE ONLY<br><br>CONTACT TURCK<br>FOR MORE<br>INFORMATION | DRFT                                                                                  | KMY   | DATE                                                                                                                                         | 04/20/12                                                                              | DESCRIPTION<br><br>MS 3106M-20-27S-1097-* |                                                                                                                      |       |
| APVD                                      |                                                                                                                          | J.B.                                                                                  | SCALE | 1=2.0                                                                                                                                        |                                                                                       |                                           |                                                                                                                      |       |
| FINISH<br><br>SEE SPECIFICATIONS          |                                                                                                                          | UNIT OF MEASUREMENT<br><br>MILLIMETER [ INCH ]                                        |       |                                                                                                                                              |                                                                                       | IDENTIFICATION NO.<br><br>REV<br>C        |                                                                                                                      |       |
| DO NOT SCALE THIS DRAWING                 |                                                                                                                          |                                                                                       |       |                                                                                                                                              |                                                                                       |                                           |                                                                                                                      |       |
|                                           |                                                                                                                          | C UPDATE RATED CURRENT                                                                |       |                                                                                                                                              |                                                                                       | NF                                        | 09/04/20                                                                                                             | 76153 |
|                                           | REV DESCRIPTION                                                                                                          |                                                                                       |       |                                                                                                                                              | BY                                                                                    | DATE                                      | ECO NO.                                                                                                              |       |
|                                           |                                                                                                                          |                                                                                       |       |                                                                                                                                              | FILE: 777028767                                                                       |                                           | SHEET 1 OF 1                                                                                                         |       |