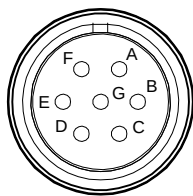


## MALE END VIEW



A = WHITE  
B = YELLOW  
C = BROWN  
D = BLUE  
E = GRAY  
F = GREEN  
G = GREEN/YELLOW

## CONNECTOR

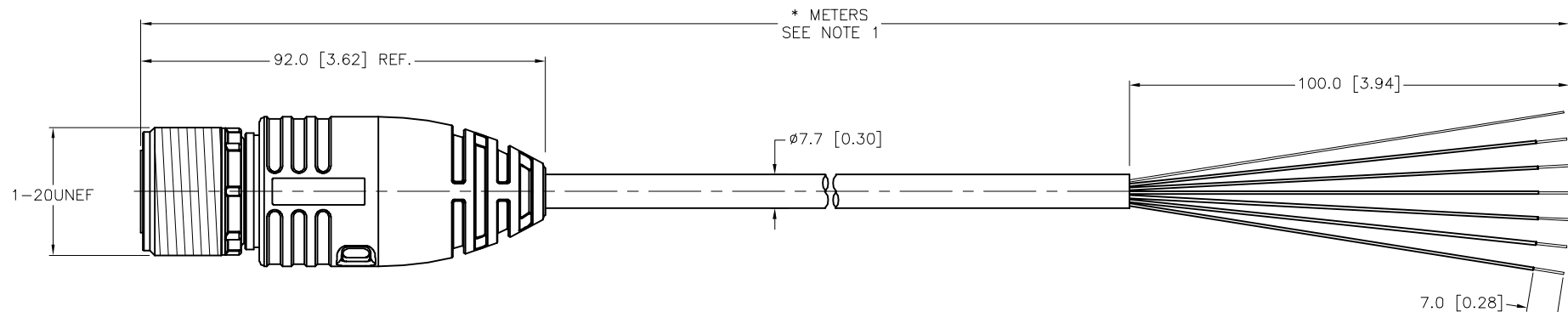
TYPE/STYLE — MS 3101M

SHELL SIZE — 16S

INSERT ARRANGEMENT — 1P

## 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]             | 7.0 A                                 |
| RATED VOLTAGE [V]             | 500 V                                 |
| OUTER JACKET MATERIAL/COLOR   | TPE/YELLOW                            |
| CONDUCTOR INSULATION MATERIAL | POLYESTER ELASTOMER                   |
| NUMBER OF CONDUCTORS          | 7x18 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 LENGTHS.

## SOURCE DRAWING - FOR REFERENCE ONLY

|                                           |                                                                 |                                                                                                                            |      |                                                                                                                                      |                                       |
|-------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| RELATED DOCUMENTS<br>1.<br>2.<br>3.<br>4. | 3RD ANGLE PROJECTION<br>                                        | THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. |      | <b>TURCK</b><br>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 | DESCRIPTION<br>MS 3101M-16S-1P-1149-* |
|                                           |                                                                 | DRFT                                                                                                                       | RDS  | DATE                                                                                                                                 | 11/09/18                              |
|                                           |                                                                 | APVD                                                                                                                       | E.S. | SCALE                                                                                                                                | 1=1.5                                 |
|                                           |                                                                 | UNIT OF MEASUREMENT<br><b>MILLIMETER [ INCH ]</b>                                                                          |      | IDENTIFICATION NO.                                                                                                                   |                                       |
| MATERIAL<br><br>SEE SPECIFICATIONS        | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY | DO NOT SCALE THIS DRAWING                                                                                                  |      | FILE: 777042447                                                                                                                      |                                       |
| FINISH<br><br>SEE SPECIFICATIONS          |                                                                 | CONTACT TURCK FOR MORE INFORMATION                                                                                         |      | SHEET 1 OF 1                                                                                                                         |                                       |

|     |                 |     |          |          |
|-----|-----------------|-----|----------|----------|
| A   | DRAWING RELEASE | RDS | 12/05/18 |          |
| REV | DESCRIPTION     | BY  | DATE     | ECO. NO. |