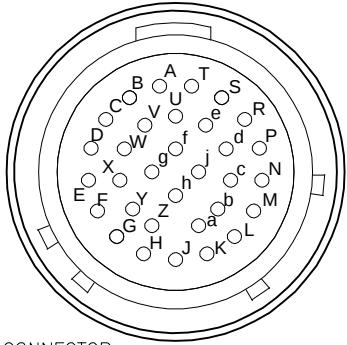


## FEMALE END VIEW

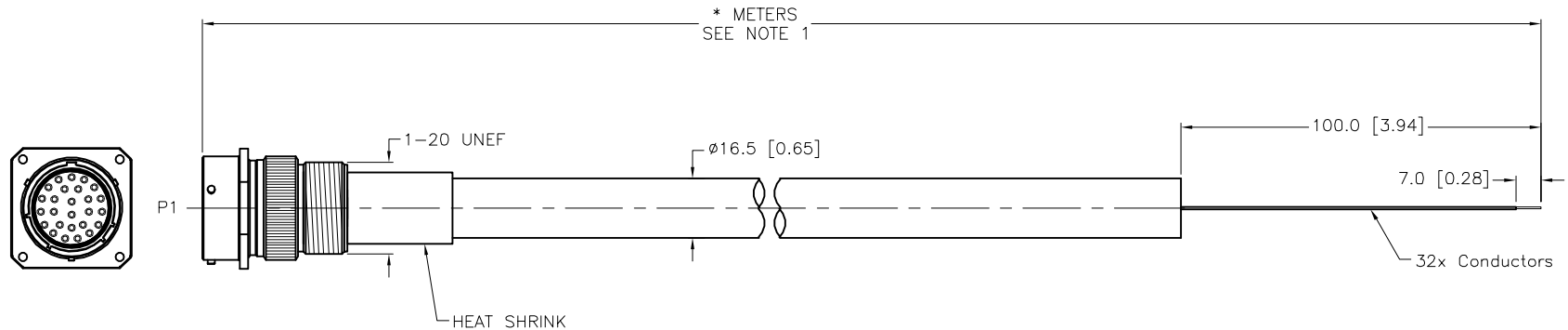


CONNECTOR  
TYPE/STYLE/CLASS - MS 3110A  
SHELL SIZE - 18  
INSERT ARRANGEMENT - 32S

|                     |                       |
|---------------------|-----------------------|
| A = WHITE w/BLK#1   | W = ORANGE w/BLK#20   |
| B = WHITE w/BLK#2   | X = LT. BLUE w/BLK#21 |
| C = WHITE w/BLK#3   | Y = LT. BLUE w/BLK#22 |
| D = WHITE w/BLK#4   | Z = LT. BLUE w/BLK#23 |
| E = WHITE w/BLK#5   | a = LT. BLUE w/BLK#24 |
| F = YELLOW w/BLK#6  | b = LT. BLUE w/BLK#25 |
| G = YELLOW w/BLK#7  | c = LT. GRN w/BLK#26  |
| H = YELLOW w/BLK#8  | d = LT. GRN w/BLK#27  |
| J = YELLOW w/BLK#9  | e = LT. GRN w/BLK#28  |
| K = YELLOW w/BLK#10 | f = LT. GRN w/BLK#29  |
| L = PINK w/BLK#11   | g = LT. GRN w/BLK#30  |
| M = PINK w/BLK#12   | h = TAN w/BLK#31      |
| N = PINK w/BLK#13   | j = TAN w/BLK#32      |
| P = PINK w/BLK#14   |                       |
| R = PINK w/BLK#15   |                       |
| S = ORANGE w/BLK#16 |                       |
| T = ORANGE w/BLK#17 |                       |
| U = ORANGE w/BLK#18 |                       |
| V = ORANGE w/BLK#19 |                       |

## SPECIFICATIONS

|                               |                                        |
|-------------------------------|----------------------------------------|
| CONTACT CARRIER MATERIAL      | NEOPRENE                               |
| CONTACT MATERIAL/PLATING      | COPPER ALLOY/GOLD                      |
| COUPLING NUT MATERIAL/PLATING | ALUMINUM ALLOY/OLIVE DRAB CHROMATE     |
| MOLD SLEEVE                   | ALUMINUM/BLACK ANODIZED                |
| RATED CURRENT [A]             | 3.0 A                                  |
| RATED VOLTAGE [V]             | 600 V                                  |
| OUTER JACKET MATERIAL/COLOR   | TPE/BLACK                              |
| CONDUCTOR INSULATION MATERIAL | POLYESTER ELASTOMER                    |
| NUMBER OF CONDUCTORS          | 35x20 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-26482                          |



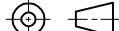
| CABLE LENGTH | TOLERANCE*                                                                  |
|--------------|-----------------------------------------------------------------------------|
| ALL LENGTHS  | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH<br>WHICHEVER IS GREATER |
| STRIP LENGTH | 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.
- "/S717" DESIGNATES ANY RECEPTACLE ASSEMBLED WITH STANDARD CORDSET CABLE.
- UNUSED CONDUCTORS TRIMMED BACK TO CABLE JACKET ON BOTH ENDS.

## 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 | DRFT                                                                                  | NF   | DATE                                                                                                                                         | 10/06/15 | DESCRIPTION<br><br>MS 3110A-18-32S-2028-*/S717                                        |  |                                                                                                                      |  |
| FINISH<br><br>SEE SPECIFICATIONS          |                                                                          | APVD                                                                                  | M.A. | SCALE                                                                                                                                        | 1=2.0    |                                                                                       |  |                                                                                                                      |  |
|                                           |                                                                          | UNIT OF MEASUREMENT<br><br>MILLIMETER [ INCH ]                                        |      |                                                                                                                                              |          | IDENTIFICATION NO.                                                                    |  | REV<br><br>B                                                                                                         |  |
|                                           |                                                                          | CONTACT TURCK<br>FOR MORE<br>INFORMATION                                              |      |                                                                                                                                              |          |                                                                                       |  |                                                                                                                      |  |
|                                           |                                                                          | DO NOT SCALE THIS DRAWING                                                             |      |                                                                                                                                              |          | FILE: 777036369                                                                       |  | SHEET 1 OF                                                                                                           |  |
|                                           |                                                                          |                                                                                       |      |                                                                                                                                              |          |                                                                                       |  |                                                                                                                      |  |

|     |                                                |    |          |         |
|-----|------------------------------------------------|----|----------|---------|
| B   | UPDATED ITEM DESCRIPTION AND ADD /S717 PER ECO | TV | 11/09/16 | 57280   |
| REV | DESCRIPTION                                    | BY | DATE     | ECO NO. |