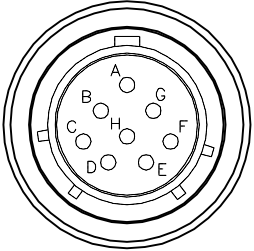
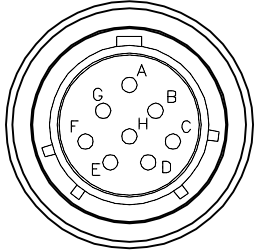
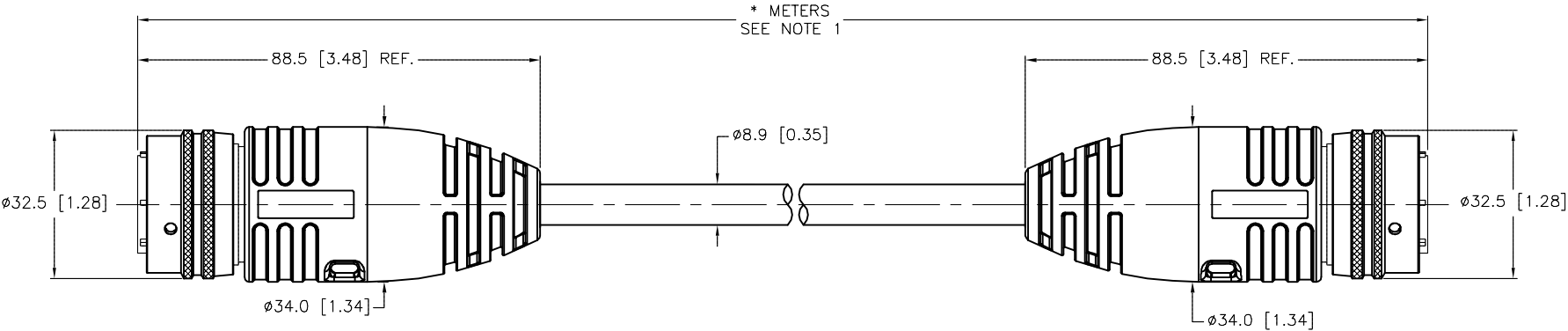


| FEMALE END VIEW                                                                                            |  | MALE END VIEW                                                                                              |  | SPECIFICATIONS                |                                        |
|------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------|--|-------------------------------|----------------------------------------|
|                            |  |                           |  | CONTACT CARRIER MATERIAL      | NEOPRENE                               |
| A = WHITE<br>B = BROWN<br>C = BLUE<br>D = ORANGE<br>E = RED<br>F = GREEN/YELLOW<br>G = BLACK<br>H = YELLOW |  | A = WHITE<br>B = BROWN<br>C = BLUE<br>D = ORANGE<br>E = RED<br>F = GREEN/YELLOW<br>G = BLACK<br>H = YELLOW |  | MOLDED HEAD MATERIAL/COLOR    | PVC/BLACK                              |
| CONNECTOR<br>TYPE/STYLE- MS 3116M<br>SHELL SIZE - 16<br>INSERT ARRANGEMENT - 8S                            |  | CONNECTOR<br>TYPE/STYLE- MS 3116M<br>SHELL SIZE - 16<br>INSERT ARRANGEMENT - 8P                            |  | CONTACT MATERIAL/PLATING      | COPPER ALLOY/GOLD                      |
|                                                                                                            |  |                                                                                                            |  | COUPLING NUT MATERIAL/PLATING | ALUMINUM ALLOY/OLIVE DRAB CHROMATE     |
|                                                                                                            |  |                                                                                                            |  | MOLD SLEEVE                   | ALUMINUM/BLACK ANODIZED                |
|                                                                                                            |  |                                                                                                            |  | RATED CURRENT [A]             | 7.0 A                                  |
|                                                                                                            |  |                                                                                                            |  | RATED VOLTAGE [V]             | 600 V                                  |
|                                                                                                            |  |                                                                                                            |  | OUTER JACKET MATERIAL/COLOR   | PVC/BLACK                              |
|                                                                                                            |  |                                                                                                            |  | CONDUCTOR INSULATION MATERIAL | PVC                                    |
|                                                                                                            |  |                                                                                                            |  | NUMBER OF CONDUCTORS          | 8x18 AWG                               |
|                                                                                                            |  |                                                                                                            |  | DRAIN/SHIELD                  | 20 AWG/ALUMINUM POLYESTER FOIL         |
|                                                                                                            |  |                                                                                                            |  | 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:

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

SOURCE DRAWING - FOR REFERENCE ONLY

|                                                                                                                        |  |  |  |  |                                                                                      |  |                                                                                                                                  |  |                                                                                                                                       |  |                                                                                                                                                                         |  |
|------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <div>50-69mm±3.0mm</div> <div>70-100mm±4.0mm</div> <div>OVER 100mm±5.0mm</div> <div>* UNLESS OTHERWISE SPECIFIED</div> |  |  |  |  | <div>RELATED DOCUMENTS</div> <div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> |  | <div>3RD ANGLE PROJECTION</div> <div></div> |  | <div>THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.</div> |  | <div>3000 CAMPUS DRIVE</div> <div>MINNEAPOLIS, MN 55441</div> <div>1-800-544-7769</div> <div>(763) 553-7300</div> <div>(763) 553-0708 fax</div> <div>www.turck.us</div> |  |
| <div>NOTES:</div> <div>1. "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.</div>          |  |  |  |  | <div>MATERIAL</div> <div>SEE SPECIFICATIONS</div>                                    |  | <div>ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY</div>                                                       |  | <div>DRFT TV</div> <div>DATE 09/24/15</div>                                                                                           |  | <div>DESCRIPTION</div> <div>MS 3116M-16-8S-0552-* -16-8P</div>                                                                                                          |  |
| <div>FINISH</div> <div>SEE SPECIFICATIONS</div>                                                                        |  |  |  |  | <div>CONTACT TURCK FOR MORE INFORMATION</div>                                        |  | <div>APVD C.K.</div> <div>SCALE 1 = 1.5</div>                                                                                    |  | <div>UNIT OF MEASUREMENT</div> <div>MILLIMETER [ INCH ]</div>                                                                         |  | <div>IDENTIFICATION NO.</div> <div>REV B</div>                                                                                                                          |  |
| <div>B UPDATE CONDUCTOR COLOR</div> <div>NF 09/22/17 60788</div>                                                       |  |  |  |  |                                                                                      |  |                                                                                                                                  |  | <div>DO NOT SCALE THIS DRAWING</div>                                                                                                  |  | <div>FILE: 777037452</div> <div>SHEET 1 OF 1</div>                                                                                                                      |  |
| <div>REV DESCRIPTION</div> <div>BY DATE ECO NO.</div>                                                                  |  |  |  |  |                                                                                      |  |                                                                                                                                  |  |                                                                                                                                       |  |                                                                                                                                                                         |  |