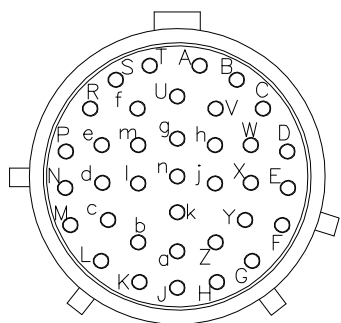


## MALE END VIEW

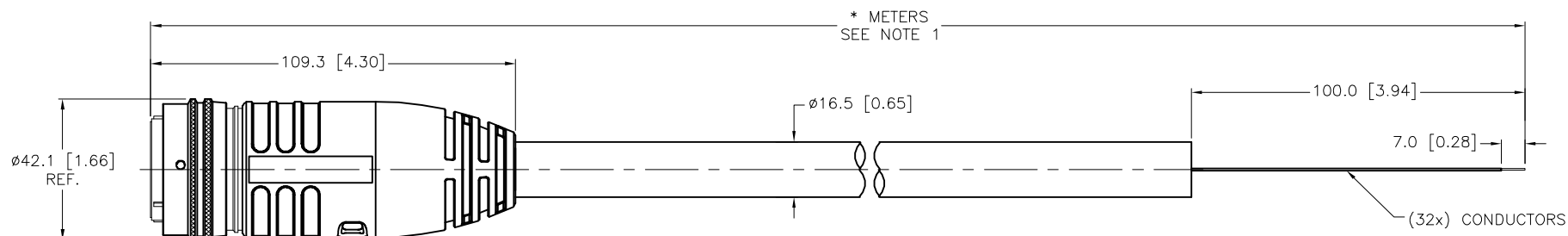


A = WHITE w/BLK#1 d = LT. GRN w/BLK#27  
 B = WHITE w/BLK#2 e = LT. GRN w/BLK#28  
 C = WHITE w/BLK#3 f = LT. GRN w/BLK#29  
 D = WHITE w/BLK#4 g = LT. GRN w/BLK#30  
 E = WHITE w/BLK#5 h = TAN w/BLK#31  
 F = YELLOW w/BLK#6 j = TAN w/BLK#32  
 G = YELLOW w/BLK#7 k = TAN w/BLK #33  
 H = YELLOW w/BLK#8 l = TAN w/BLK #34  
 J = YELLOW w/BLK#9 m = TAN w/BLK #35  
 K = YELLOW w/BLK#10 n = N/C  
 L = PINK w/BLK#11  
 M = PINK w/BLK#12  
 N = PINK w/BLK#13  
 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  
 W = ORANGE w/BLK#20  
 X = LT. BLUE w/BLK#21  
 Y = LT. BLUE w/BLK#22  
 Z = LT. BLUE w/BLK#23  
 a = LT. BLUE w/BLK#24  
 b = LT. BLUE w/BLK#25  
 c = LT. GRN w/BLK#26

CONNECTOR  
 TYPE/STYLE - MS 3116M  
 SHELL SIZE - 22  
 INSERT ARRANGEMENT - 36P

## SPECIFICATIONS

|                               |                                        |
|-------------------------------|----------------------------------------|
| CONTACT CARRIER MATERIAL      | NEOPRENE                               |
| MOLDED HEAD MATERIAL/COLOR    | PVC/BLACK                              |
| 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                          |

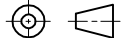


| CABLE LENGTH                 | TOLERANCE*                                                                  |
|------------------------------|-----------------------------------------------------------------------------|
| ALL LENGTHS                  | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH<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.
- 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 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>www.turck.us |  |
|                                           |                                                                 |                                                                                       |      |                                                                                                                            |                                                                                       |  |                                                                                                                      |  |
| MATERIAL<br><br>SEE SPECIFICATIONS        | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY | DRFT                                                                                  | NF   | DATE                                                                                                                       | 08/30/16                                                                              |  |                                                                                                                      |  |
| FINISH<br><br>SEE SPECIFICATIONS          |                                                                 | APVD                                                                                  | C.K. | SCALE                                                                                                                      | 1=2.0                                                                                 |  |                                                                                                                      |  |
|                                           |                                                                 | UNIT OF MEASUREMENT                                                                   |      |                                                                                                                            | DESCRIPTION<br>MS 3116M-22-36P-2028-*                                                 |  |                                                                                                                      |  |
|                                           |                                                                 | MILLIMETER [ INCH ]                                                                   |      |                                                                                                                            |                                                                                       |  |                                                                                                                      |  |
|                                           |                                                                 | DO NOT SCALE THIS DRAWING                                                             |      |                                                                                                                            | IDENTIFICATION NO.                                                                    |  |                                                                                                                      |  |
|                                           | CONTACT TURCK FOR MORE INFORMATION                              |                                                                                       |      |                                                                                                                            | REV<br>A                                                                              |  |                                                                                                                      |  |
|                                           |                                                                 |                                                                                       |      |                                                                                                                            | FILE: 777038148                                                                       |  |                                                                                                                      |  |
|                                           |                                                                 |                                                                                       |      |                                                                                                                            | SHEET 1 OF 1                                                                          |  |                                                                                                                      |  |

|     |                 |    |          |          |
|-----|-----------------|----|----------|----------|
| A   | DRAWING RELEASE | NF | 09/19/16 |          |
| REV | DESCRIPTION     | BY | DATE     | ECO. NO. |