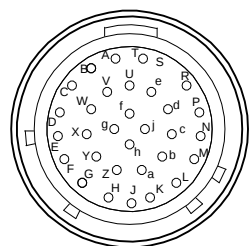


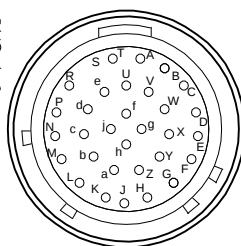
## FEMALE END VIEW



A = WHITE w/BLK#1  
B = WHITE w/BLK#2  
C = WHITE w/BLK#3  
D = WHITE w/BLK#4  
E = WHITE w/BLK#5  
F = YELLOW w/BLK#6  
G = YELLOW w/BLK#7  
H = YELLOW w/BLK#8  
J = YELLOW w/BLK#9  
K = YELLOW w/BLK#10  
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

CONNECTOR  
TYPE/STYLE - MS 3116M  
SHELL SIZE - 18  
INSERT ARRANGEMENT - 32S

## MALE END VIEW

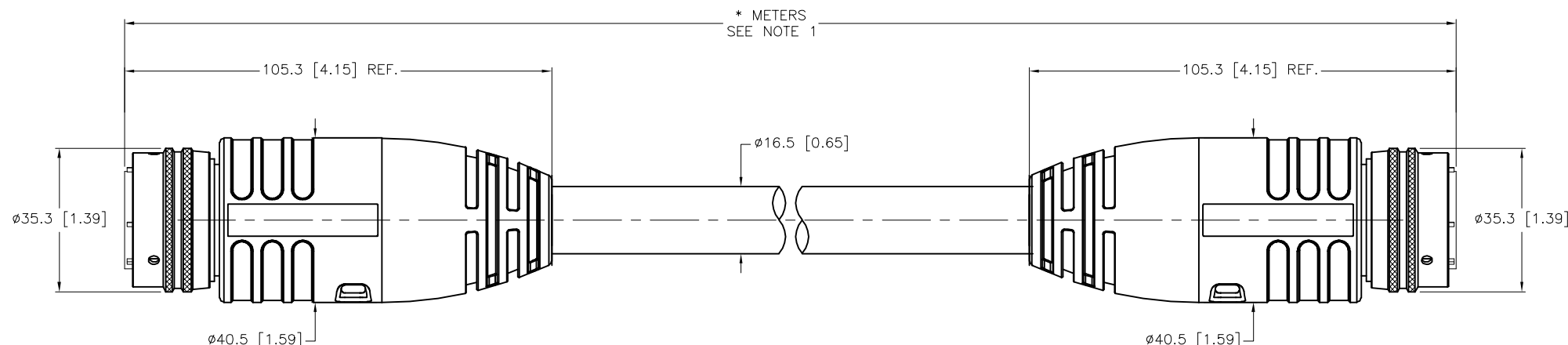


W = ORANGE w/BLK#20  
X = LT. BLUE w/BLK#21  
Y = LT. BLUE w/BLK#22  
Z = LT. BLUE w/BLK#23  
a = LT. BLUE w/BLK#24  
b = LT. BLUE w/BLK#25  
c = LT. GRN w/BLK#26  
d = LT. GRN w/BLK#27  
e = LT. GRN w/BLK#28  
f = LT. GRN w/BLK#29  
g = LT. GRN w/BLK#30  
h = TAN w/BLK#31  
j = TAN w/BLK#32

CONNECTOR  
TYPE/STYLE - MS 3116M  
SHELL SIZE - 18  
INSERT ARRANGEMENT - 32P

## 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                          |

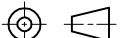


| CABLE LENGTH                 | TOLERANCE*                                                                  |
|------------------------------|-----------------------------------------------------------------------------|
| ALL LENGTHS                  | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH<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.
- "/S1366" DESIGNATES OVERMOLDED MIL-SPEC CONNECTOR MOLDED IN LARGER BODY SIZE TO ACCOMMODATE LARGE CABLE DIAMETER.
- UNUSED CONDUCTORS TRIMMED BACK TO CABLE JACKET ON BOTH ENDS.

SOURCE DRAWING - FOR REFERENCE ONLY

|                                                           |                                                                                       |                                                                                                                                       |                                                |                  |                 |                                                                                                                                      |  |                                                         |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------|
| RELATED DOCUMENTS<br><br>1.<br><br>2.<br><br>3.<br><br>4. | 3RD ANGLE PROJECTION                                                                  | <div>THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.</div> |                                                | <div>TURCK</div> |                 | <div>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</div> |  |                                                         |
|                                                           |  |                                                                                                                                       |                                                |                  |                 |                                                                                                                                      |  |                                                         |
| MATERIAL<br><br>SEE SPECIFICATIONS                        | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY                       | DRFT                                                                                                                                  | TV                                             | DATE             | 07/12/16        |                                                                                                                                      |  | DESCRIPTION<br><br>MS 3116M-18-32S-2028-* -18-32P/S1366 |
|                                                           |                                                                                       | APVD                                                                                                                                  | C.K.                                           | SCALE            | 1=1.5           |                                                                                                                                      |  |                                                         |
| FINISH<br><br>SEE SPECIFICATIONS                          |                                                                                       | CONTACT TURCK FOR MORE INFORMATION                                                                                                    | UNIT OF MEASUREMENT<br><br>MILLIMETER [ INCH ] |                  |                 | IDENTIFICATION NO.                                                                                                                   |  |                                                         |
|                                                           |                                                                                       | DO NOT SCALE THIS DRAWING                                                                                                             |                                                |                  | FILE: 777037828 |                                                                                                                                      |  | SHEET 1 OF 1                                            |

|     |                                    |     |          |              |
|-----|------------------------------------|-----|----------|--------------|
| B   | UPDATE DESCRIPTION AND ADD NOTE #2 | RDS | 05/11/22 | 500000005078 |
| REV | DESCRIPTION                        | BY  | DATE     | ECO NO.      |