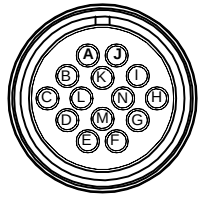
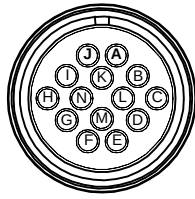


FEMALE END VIEW

MALE END VIEW



A = GRAY
B = GRAY/BROWN
C = BROWN
D = TAN
E = BLUE
F = RED
G = WHITE
H = RED/BLUE
I = GRAY/PINK
J = VIOLET
K = YELLOW
L = ORANGE
M = PINK
N = BLACK

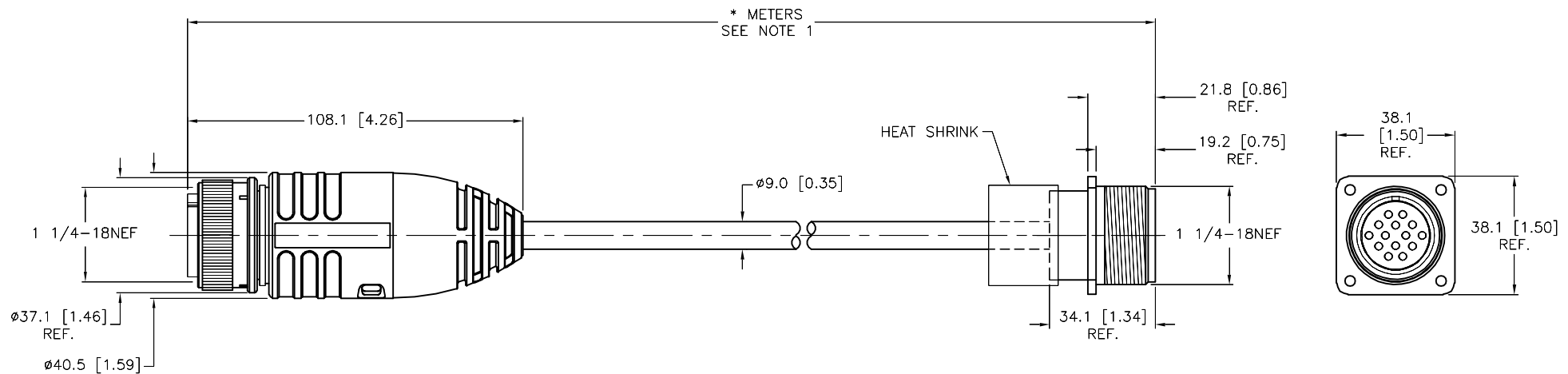


CONNECTOR
TYPE/STYLE - MS 3106M
SHELL SIZE - 20
INSERT ARRANGEMENT - 27SY

CONNECTOR
TYPE/STYLE - MS 3102A
SHELL SIZE - 20
INSERT ARRANGEMENT - 29PY

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]	3.5 A
RATED VOLTAGE [V]	500 V
OUTER JACKET MATERIAL/COLOR	TPE/BLACK
CONDUCTOR INSULATION MATERIAL	POLYESTER ELASTOMER
NUMBER OF CONDUCTORS	15x22 AWG
TEMPERATURE RATING	-40°C to +105°C (-40°F to +221°F)
CONNECTOR TYPE	MIL-DTL-5015



CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH 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.
2. UNUSED CONDUCTOR TRIMMED BACK TO CABLE JACKET ON BOTH ENDS.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. TURCK		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us					
1.											
2.		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION		DRFT	NF	DATE	03/28/19			DESCRIPTION MS3106M-20-27SY-1000-*--MS3102A-20-27PY	
3.				APVD	M.A.	SCALE	1=2.0				
4.				UNIT OF MEASUREMENT MILLIMETER [INCH]							
MATERIAL				DO NOT SCALE THIS DRAWING				IDENTIFICATION NO.		REV A	
SEE SPECIFICATIONS								FILE: 777043275		SHEET 1 OF 1	
FINISH											
SEE SPECIFICATIONS											