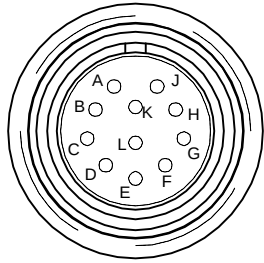


FEMALE END VIEW

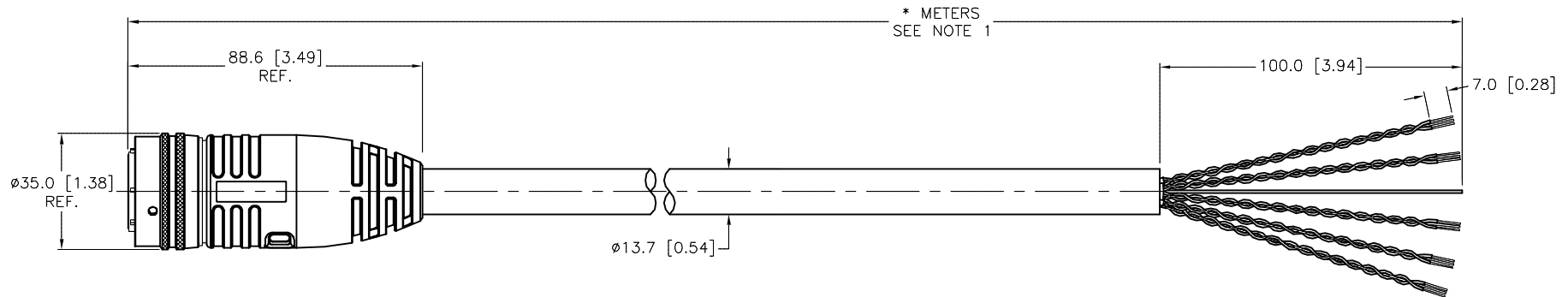


A = WHITE/BLACK
B = BLACK/WHITE
C = WHITE/GREEN
D = WHITE/RED
E = GREEN/WHITE
F = RED/WHITE
G = WHITE/ORANGE
H = WHITE/BLUE
J = BLUE/WHITE
K = ORANGE/WHITE
L = WHITE/VIOLET

CONNECTOR
TYPE/STYLE - MS 3116 M
SHELL SIZE - 18
INSERT ARRANGEMENT - 11S

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]	3.5 A
RATED VOLTAGE [V]	300 V
OUTER JACKET MATERIAL/COLOR	EX60/BLACK
CONDUCTOR INSULATION MATERIAL	XLPE
NUMBER OF CONDUCTORS	16x22 AWG, 1x18 AWG GROUND
DRAIN/SHIELD	9x22 AWG/FOIL (PAIRS), FOIL (OVERALL)
CONDUCTOR ARRANGEMENT	8 SHIELDED-TWISTED PAIRS w/DRAIN, 1-DRAIN, 1-GND
TEMPERATURE RATING	-60°C to +105°C (-76°F to +221°F)
PROTECTION CLASS	MEETS NEMA 1,3,4,6P AND IEC IP67, IP68
CONNECTOR TYPE	MIL-DTL-26482
CABLE RATINGS	UL: ITC-ER/PLTC-ER, 105°C, Direct Burial, 105°C; -60°C COLD BEND CSA: CIC, 90°C, 300V; -60°C COLD BEND UL 1309 MARINE SHIPBOARD 300V; ABS CERTIFIED; IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22



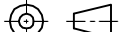
CABLE LENGTH	TOLERANCE *
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE *
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
* UNLESS OTHERWISE SPECIFIED	

NOTES:

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

2. TRIM GREEN/YELLOW CONDUCTOR, VIOLET/WHITE CONDUCTOR, BROWN PAIR WITH DRAIN, AND YELLOW PAIR WITH DRAIN BACK TO CABLE JACKET ON BOTH ENDS.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS 1. 2. 3. 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 MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
	MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT	RDS	DATE	11/08/13	DESCRIPTION MS 3116M-18-11S-1484-*		
	SEE SPECIFICATIONS		APVD	C.K.	SCALE	1=2.0			
FINISH	CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT			IDENTIFICATION NO.			REV E
SEE SPECIFICATIONS		MILLIMETER [INCH]							
		DO NOT SCALE THIS DRAWING			FILE: 777033226			SHEET 1 OF 1	

E	UPDATED CABLE RATINGS PER ECO	TV	08/10/16	55568
REV	DESCRIPTION	BY	DATE	ECO NO.