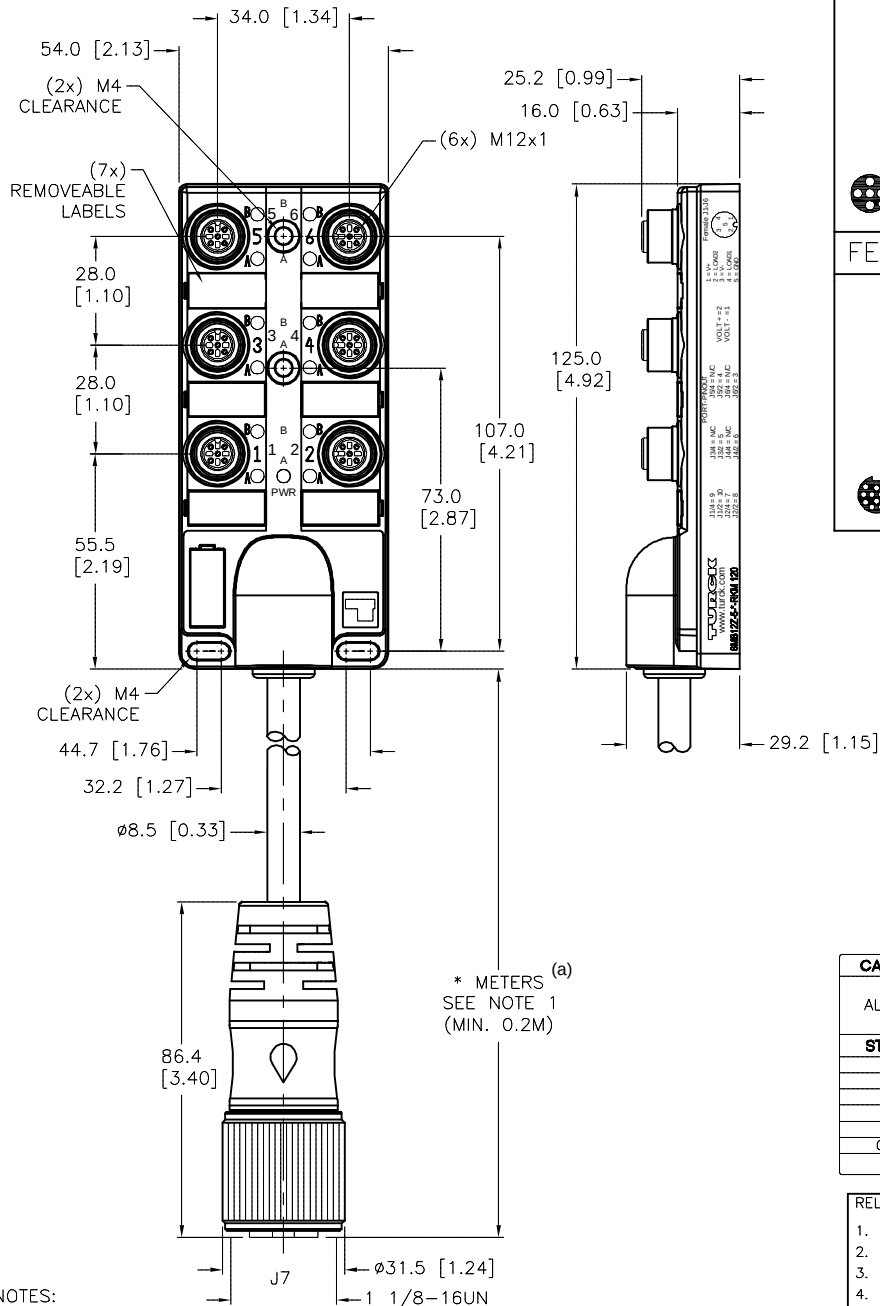
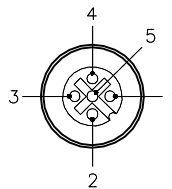
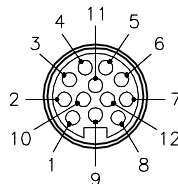




FEMALE END VIEW



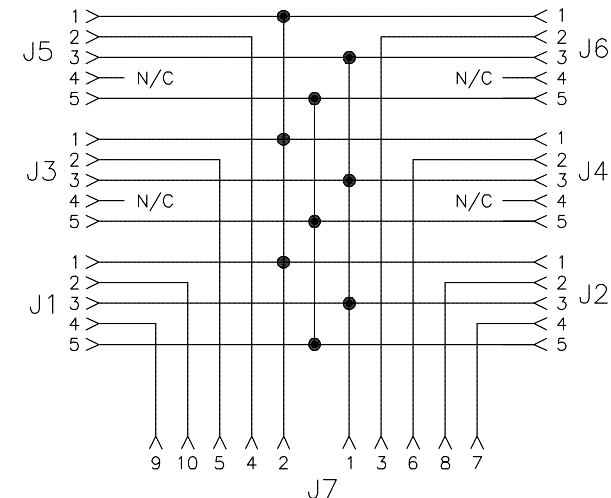
FEMALE END VIEW (J7)



SPECIFICATIONS

NUMBER OF CONDUCTORS [AWG]	3x18 AWG, 12x22 AWG
DRAIN/SHIELD	22 AWG/ALUMINUM-POLYESTER FOIL
CONDUCTOR INSULATION MATERIAL	PVC
OUTER JACKET MATERIAL/COLOR	PVC/YELLOW
HOUSING MATERIAL/COLOR	NYLON/BLACK
RECEPTACLE MAT'L/PLATING (J1-J6)	BRASS/NICKEL
CONTACT CARRIER MAT'L (J1-J6)	NYLON
CONTACT MATERIAL/PLATING	BRASS/GOLD
O-RING MATERIAL (J1-J6)	FKM/FPM
COUPLING NUT MAT'L/PLATING (J7)	BRASS/NICKEL
CONTACT CARRIER MATERIAL (J7)	TPU
MOLDED PLUG BODY MAT'L/COLOR (J7)	TPU/YELLOW
OPERATING VOLTAGE [V]	60 VDC
OPERATING CURRENT [A]	2.0 AMPS/SIGNAL, 7.0 AMPS TOTAL
PROTECTION CLASS	IP67, ONLY WHEN ALL RECEPTACLES ARE COVERED WITH PLUGS OR CONNECTED
OPERATING TEMPERATURE	-40°C to +85°C (-40°F to +185°F)

WIRING DIAGRAM

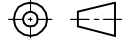


CABLE LENGTH	TOLERANCE *
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE *
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
* UNLESS OTHERWISE SPECIFIED	

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

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

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. TURCK		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
					
MATERIAL SEE SPECIFICATIONS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	DRFT RDS	DATE 10/02/19	DESCRIPTION 6MB12Z-5-*--RKM 120	
FINISH SEE SPECIFICATIONS		APVD	SCALE 1=2.0		
		UNIT OF MEASUREMENT MILLIMETER [INCH]	IDENTIFICATION NO.		REV A
		DO NOT SCALE THIS DRAWING			
		FILE: 777044445		SHEET 1 OF 1	

A	DRAWING RELEASE	RDS	05/29/20	
REV	DESCRIPTION	BY	DATE	ECO NO.