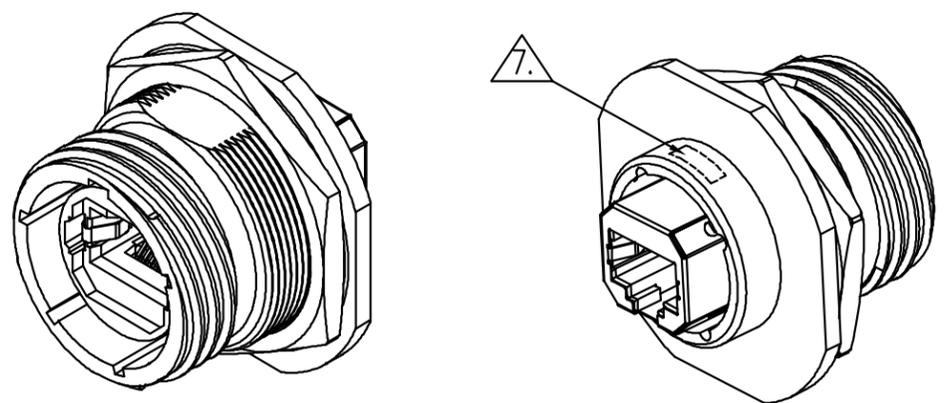
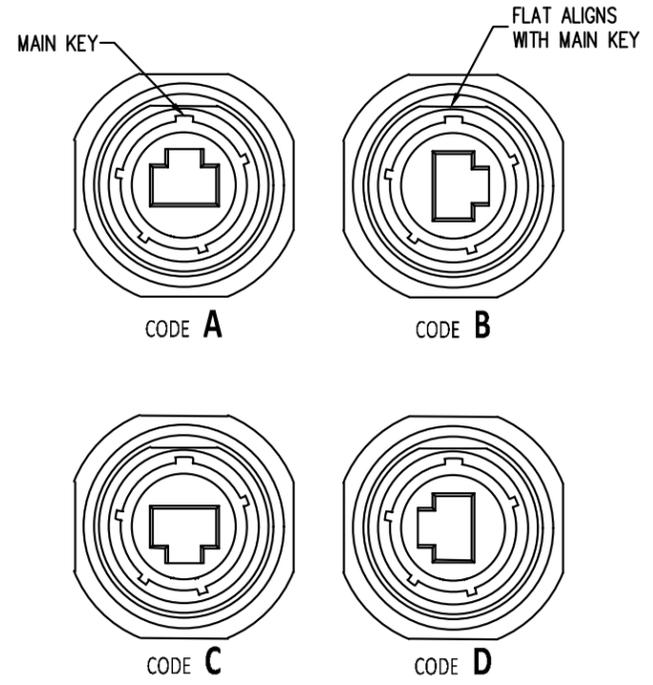


DATE	REV	ECN	APP'D. BY
10-23-23	A0	12261	GWL
11-22-23	A1	12275	KAW

### JAM NUT RECEPTACLE CONNECTOR



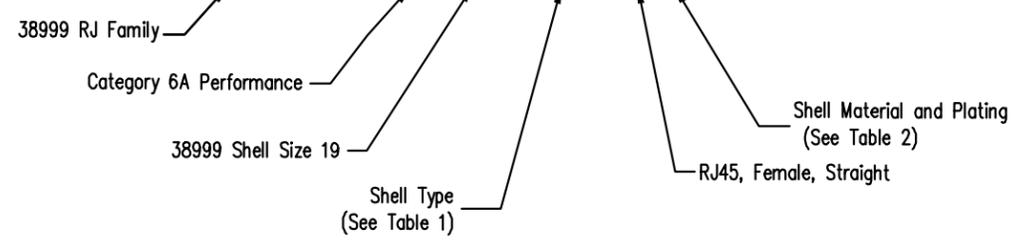
RECEPTACLE CONNECTOR AS RECEIVED (ISOMETRIC VIEWS)



POLARIZATION CODES USE REMOVAL TOOL P/N 2940262-01 IF RECODING IS NECESSARY

### PART NUMBER KEY

## S-RJFTV6A1907zzz1yy



#### NOTES:

- CONNECTOR MATERIALS:  
HOUSING: THERMOPLASTIC UL94 V-0  
CONTACTS/SHIELD: COPPER ALLOY  
CONTACT PLATING: 50 MICRO-INCHES [1.27um] SELECTIVE GOLD OR EQUIVALENT  
SHELL MATERIAL AND PLATING: SEE PART NUMBER KEY AND TABLES  
O-RING GASKET: THERMOPLASTIC ELASTOMER
- DESIGNED FOR CATEGORY 6A CHANNEL PERFORMANCE (CHANNELS UP TO 50M LONG USING ONLY 1 COUPLER) FOR RJ45 PRODUCT SPECIFICATIONS SEE PR040-01.
- RJ45 INTERFACE DIMENSIONS AND TOLERANCES COMPLY WITH TIA-1096 STANDARD.
- CIRCULAR SHELL COMPLIES WITH MIL-DTL-38999.
- STANDARD PRODUCT IS SUPPLIED ASSEMBLED TO POLARIZATION CODE A.
- CONNECTOR ASSEMBLY IS SUPPLIED WITHOUT CORDSET IF LENGTH DESIGNATOR IS BLANK.
- CIRCULAR CONNECTOR IS MARKED WITH DATE CODE IN THIS AREA.
- CIRCULAR CONNECTOR IS SUPPLIED WITH DUST CAPS.
- OPERATING TEMPERATURE: -40°C TO +85°C.

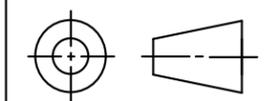
#### TABLE 1 - SHELL TYPE (07zzz)

Part Number	Description
07	Receptacle, Jam nut
07BS	Receptacle, Jam nut, IP68 Backshell, Plastic gland
07BSM	Receptacle, Jam nut, IP68 Backshell, Metal gland

#### TABLE 2 - SHELL MATERIAL AND PLATING (yy)

Part Number	Description
G	Aluminum shell, olive drab cadmium plating
N	Aluminum shell, nickel plating (RoHS)
Q	Aluminum shell, black zinc nickel plating (RoHS)
W	Aluminum shell, gray nickel-PTFE plating (RoHS)
SS	Stainless steel, passivated (RoHS)
BZ	Marine bronze (RoHS)

THIRD ANGLE PROJECTION



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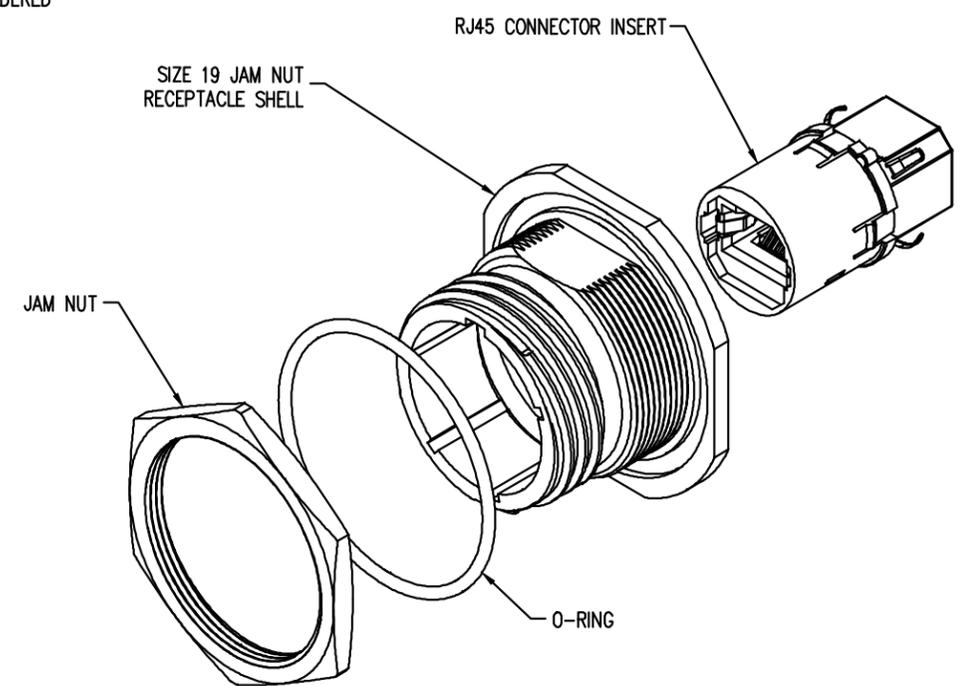
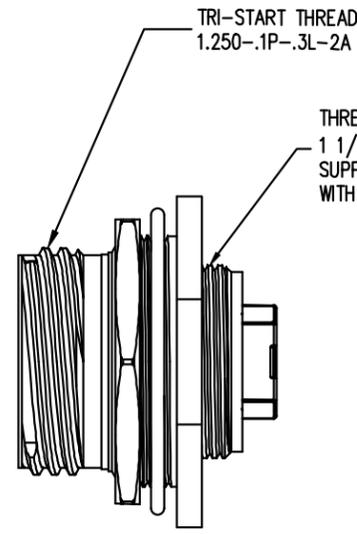
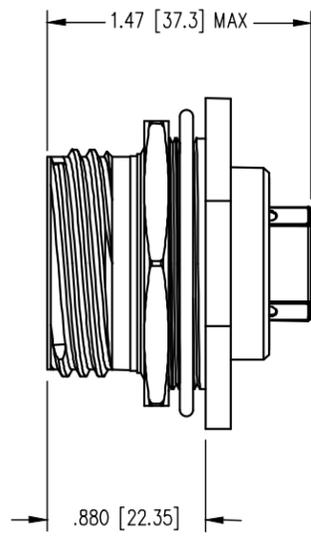
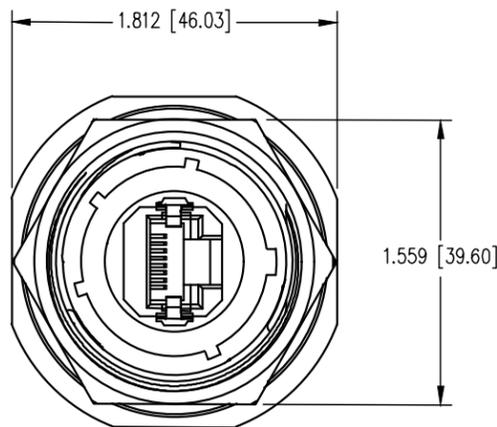
TITLE: CATEGORY 6A IP68 RECEPTACLE WITH RJ45 INSERT SIZE 19 38999 JAM NUT SHELL

TOLERANCES UNLESS OTHERWISE SPECIFIED  
.X ± .1 [2.54]  
.XX ± .01 [0.254]  
.XXX ± .005 [0.127]  
ANGULAR ± 1°

DIMENSIONS: INCHES [METRIC]  
SHEET NO. 1 OF 3

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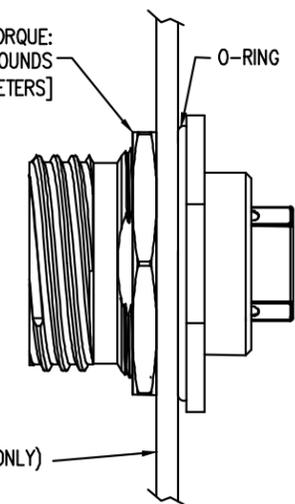
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ASSEMBLED DIMENSIONS (POLARIZATION CODE A SHOWN)

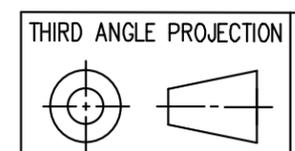
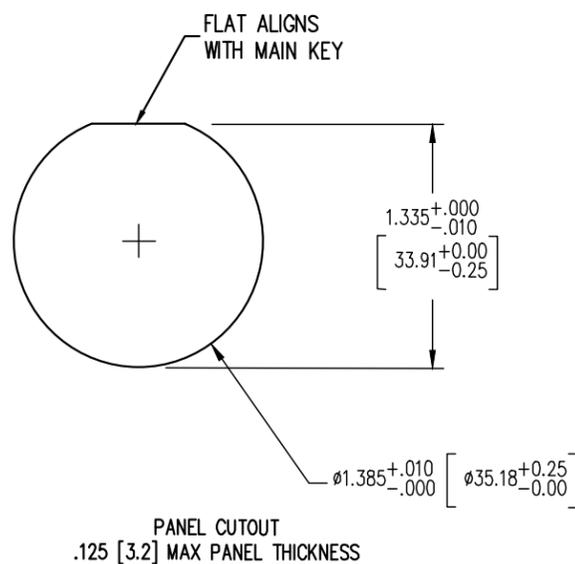
RECEPTACLE CONNECTOR (EXPLODED VIEW)

RECOMMENDED JAM NUT TORQUE: 80 TO 85 INCH-POUNDS [9 TO 9.6 NEWTON-METERS]



PANEL (REFERENCE ONLY)

PANEL MOUNTING



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 SIZE 19 38999 JAM NUT SHELL

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DIMENSIONS: INCHES [METRIC]

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# JAM NUT RECEPTACLE CONNECTOR WITH BACK SHELL, SEALING GLAND, AND CORD SET

## PART NUMBER KEY

**S-RJFTV6A1907zzz1yyxx**

- 38999 RJ Family
- Category 6A Performance
- 38999 Shell Size 19
- Shell Type (See Table 1)
- RJ45, Female, Straight
- Shell Material and Plating (See Table 2)
- Cordset Length (Meters) (See Table 3)

TABLE 3 - CORD SET LENGTH (xx)

Part Number	Standard Length (Meters) [Inches]
03	0.3 [11.8]
05	0.5 [19.7]
10	1.0 [39.4]
15	1.5 [59.1]

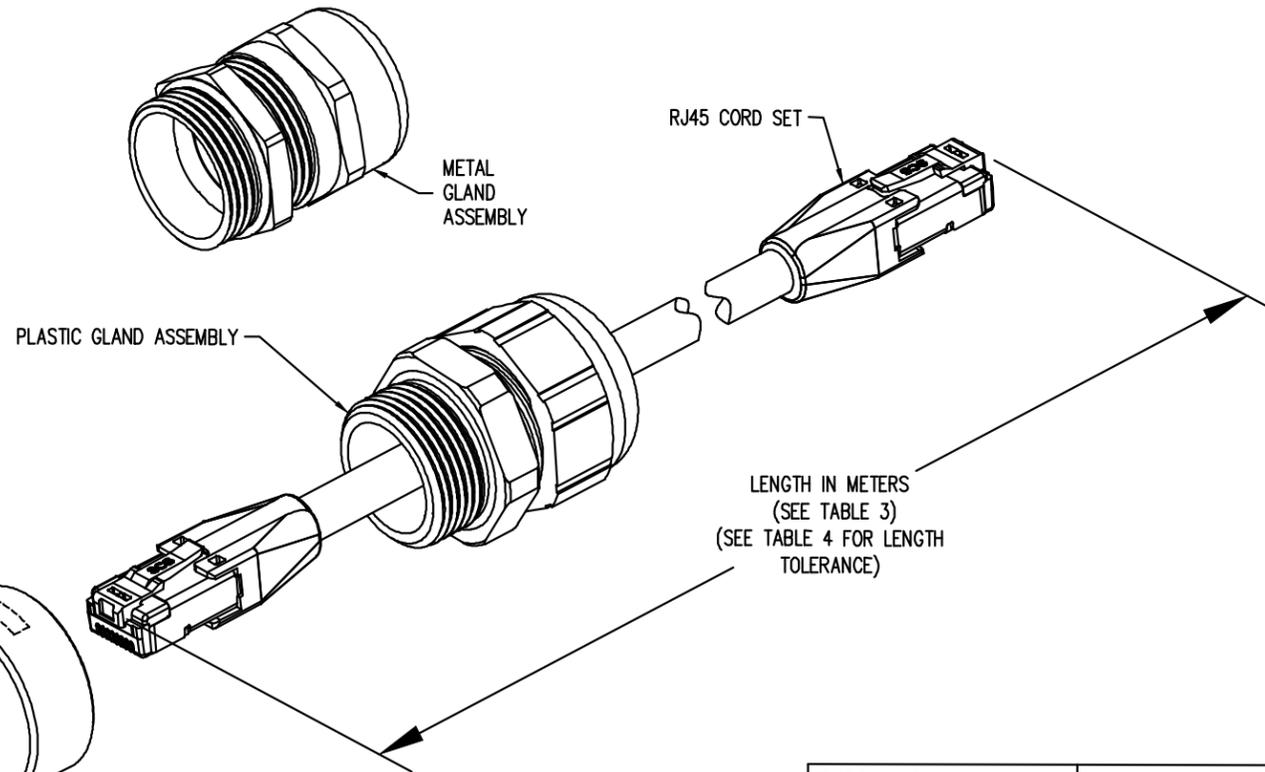
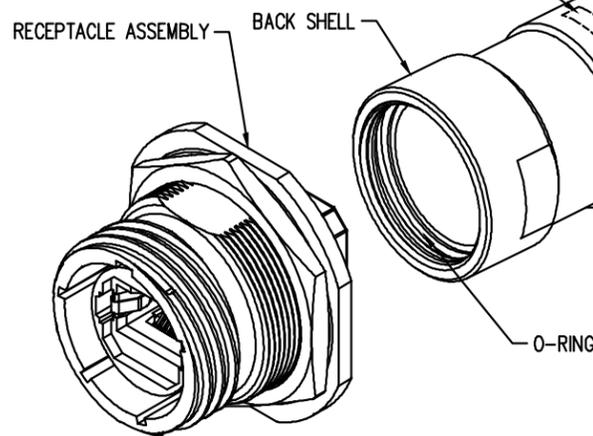
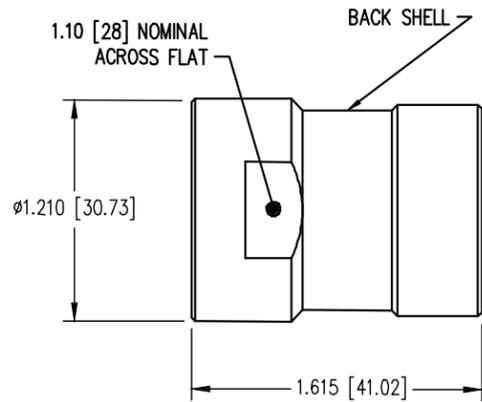
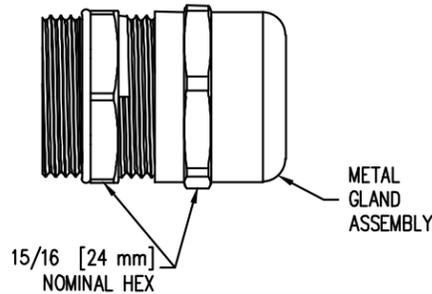
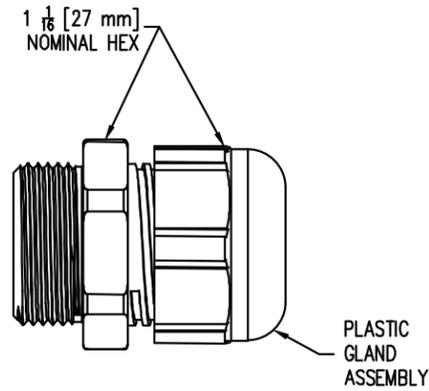
For lengths not shown follow part number key format.  
Supplied without cord set if designator is blank.

TABLE 4 - CORD SET LENGTH TOLERANCE

Cable Length = Meters [inches]	Tolerance = MM [inches]
0.5 [19.7] TO 2.5 [98.4]	+100 [3.90] / -0 [0.00]
3.0 [118] TO 10 [394]	+150 [5.91] / -0 [0.00]

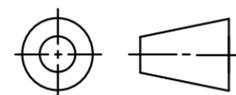
### NOTES:

1. SEALING GLAND RECOMMENDED TORQUE VALUES:  
 PLASTIC GLAND:  
 GLAND TO SHELL = 44.3 In-Lbs [5 Nm]  
 GLAND TO CABLE = 29.2 In-Lbs [3.3 Nm]  
 METAL GLAND:  
 GLAND TO SHELL = 66.4 In-Lbs [7.5 Nm]  
 GLAND TO CABLE = 44.3 In-Lbs [5 Nm]
2. BACK SHELL TO RECEPTACLE RECOMMENDED TORQUE:  
 40 TO 50 INCH-POUNDS [4.5 TO 5.6 NEWTON-METERS]
3. CONNECTOR ASSEMBLY IS MARKED WITH DATE CODE LOCATED IN THIS AREA.
4. CIRCULAR CONNECTOR IS SUPPLIED WITH DUST CAP(S).
5. OPERATING TEMPERATURE: -40°C TO +85°C.



RECEPTACLE CONNECTOR WITH BACK SHELL, GLAND AND CORDSET AS RECEIVED (EXPLODED VIEW)

THIRD ANGLE PROJECTION



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