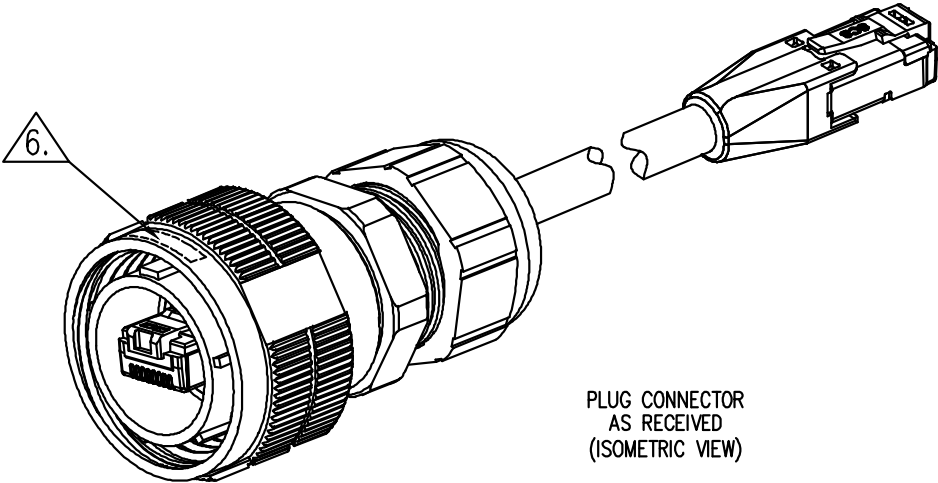


PLUG CONNECTOR, WITH CORD SET AND SEALING GLAND



PLUG CONNECTOR  
AS RECEIVED  
(ISOMETRIC VIEW)

PART NUMBER KEY

S-RJFTV6A1906zyyxx

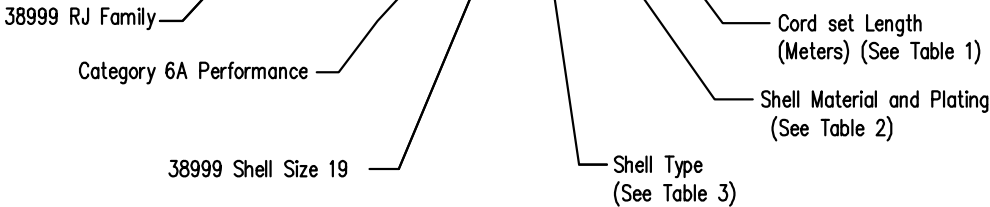
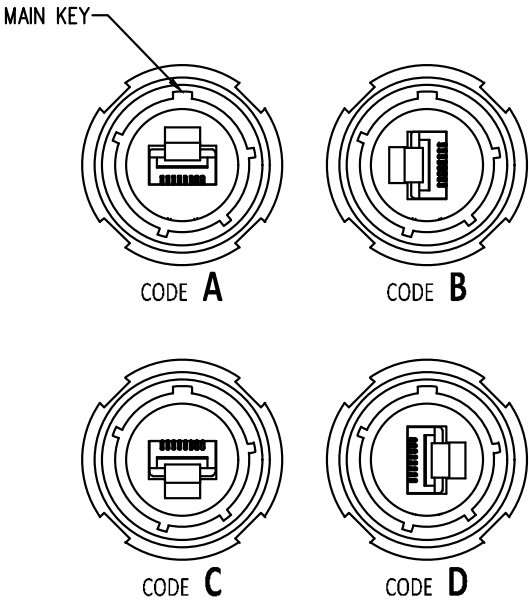


TABLE 1 – CORD SET LENGTH (xx)	
Part Number	Standard Length (Meters) [Inches]
03	0.3 [11.8]
05	0.5 [19.7]
10	1.0 [39.4]
15	1.5 [59.1]
For Lengths Not Shown Follow Part Number Key Format.	

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)



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

TABLE 3 – SHELL TYPE (06z)	
Part Number	Description
06P	Plug, straight, Plastic gland
06M	Plug, straight, Metal gland

- NOTES:
- CONNECTOR MATERIALS:  
SHELL MATERIAL AND PLATING: SEE PART NUMBER KEY AND TABLES  
RJ45 PLUG LOCATOR: THERMOPLASTIC UL94 V-0  
PLUG BODY: CLEAR POLYCARBONATE, UL 94-V0  
LOAD BAR: CLEAR POLYCARBONATE, UL 94-V0  
BOOT: BLACK POLYCARBONATE, UL 94-V0  
CONTACTS: COPPER ALLOY, SELECTIVE GOLD PLATING  
SHIELD: COPPER ALLOY, NICKEL PLATE  
GLAND ASSEMBLY: METAL OR THERMOPLASTIC HOUSING WITH CHLOROPRENE RUBBER SEAL
  - 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 MARKED WITH DATE CODE IN THIS AREA.
  - CIRCULAR PLUG CONNECTOR IS SUPPLIED WITH DUST CAP.
  - OPERATING TEMPERATURE: -40°C TO +85°C.

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING  
DRAWING IS SUBJECT TO  
CHANGE WITHOUT NOTICE

DIMENSIONS: INCHES [METRIC]

SHEET NO. 1 OF 3

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

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TITLE: CATEGORY 6A IP68 PLUG FOR RJ45 CABLE ASSEMBLY  
SIZE 19 38999, WITH SEALING GLAND

DRN BY: KAW	DATE 09-20-23
APPD BY: GWL	DATE 10-23-23
DWG NO. CT600205	REV. A1

B

A

B

A

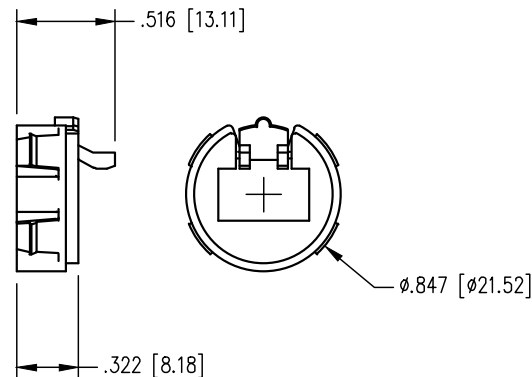
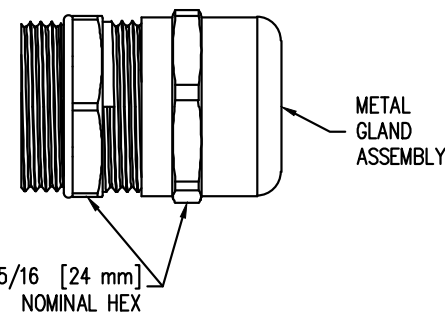
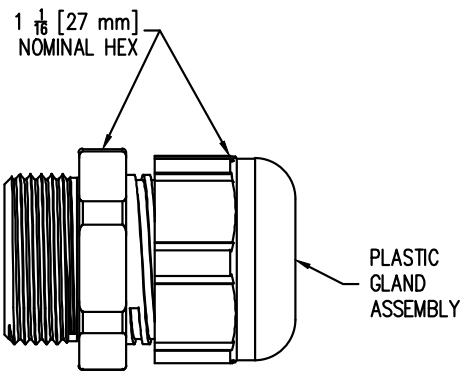
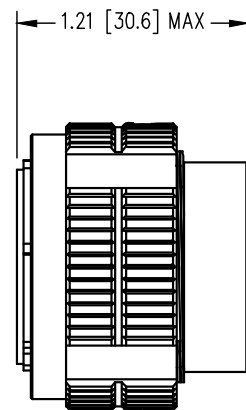
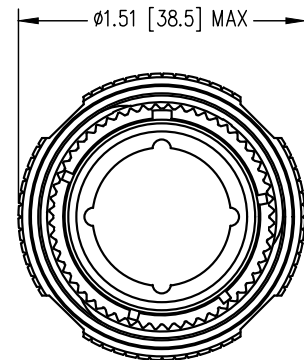
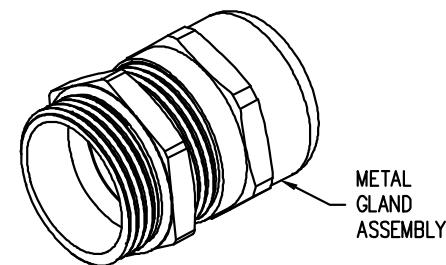


TABLE 4 - CORD SET LENGTH TOLERANCE	
Cable Length = Meters [inches]	Tolerance = MM [inches]
0.5 [19.7] TO 2.5 [98.4]	+100 [3.90] / -0 [0.00]
3.0 [118] TO 10 [394]	+150 [5.91] / -0 [0.00]

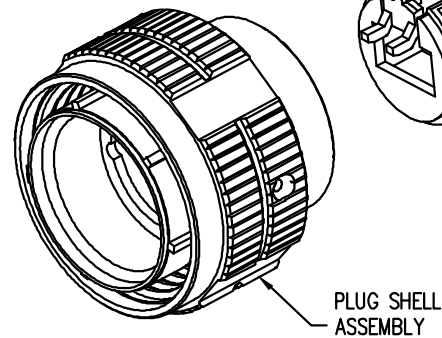


PLASTIC GLAND ASSEMBLY

RJ45 CORD SET

LENGTH IN METERS  
(SEE TABLE 1 ON SHT 1)  
(SEE TABLE 4 FOR LENGTH  
TOLERANCE)

RJ45 PLUG LOCATOR



PLUG SHELL  
ASSEMBLY

PLUG CONNECTOR  
AS RECEIVED  
(EXPLODED VIEW)

NOTES:

1. SEALING GLAND RECOMMENDED TORQUE VALUES:

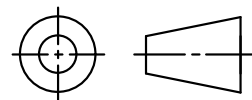
PLASTIC GLAND:

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]

THIRD ANGLE PROJECTION

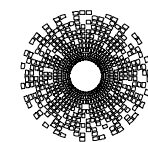


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DIMENSIONS: INCHES [METRIC]

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

SHEET NO. 2 OF 3



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TITLE: CATEGORY 6A IP68 PLUG FOR RJ45 CABLE ASSEMBLY  
SIZE 19 38999, WITH SEALING GLAND

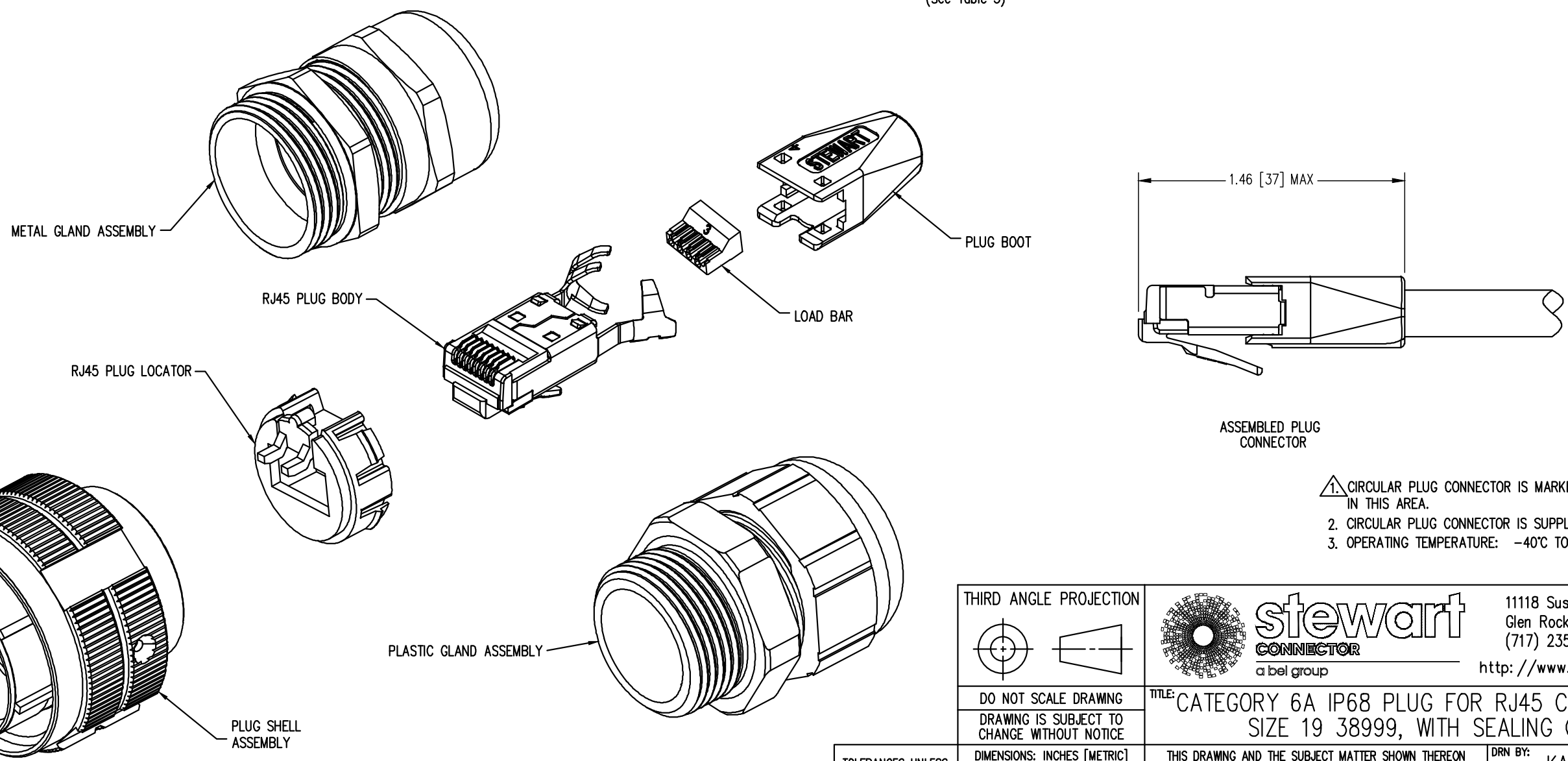
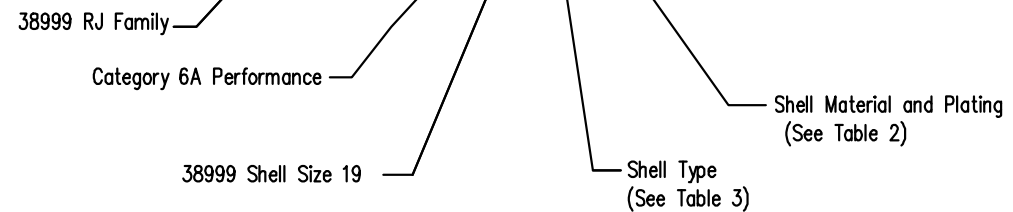
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DWG NO.	CT600205	REV.	A1

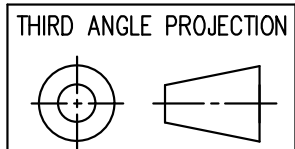
PLUG CONNECTOR KIT, WITH UNTERMINATED RJ45 PLUG

PART NUMBER KEY

S-RJFTV6A1906zyy



- 1. CIRCULAR PLUG CONNECTOR IS MARKED WITH DATE CODE IN THIS AREA.
- 2. CIRCULAR PLUG CONNECTOR IS SUPPLIED WITH DUST CAP(S).
- 3. OPERATING TEMPERATURE: -40°C TO +85°C.



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CHANGE WITHOUT NOTICE

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



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DWG NO.	CT600205	REV.	A1