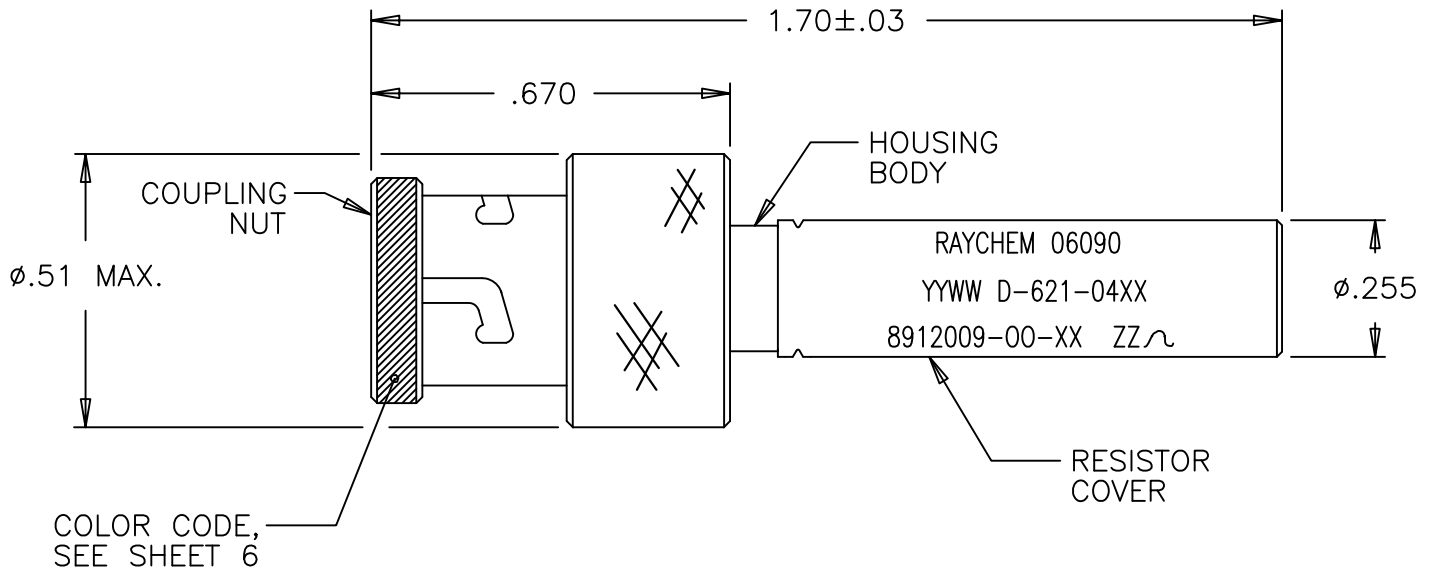


| REVISIONS |                                           |           |          |
|-----------|-------------------------------------------|-----------|----------|
| LTR       | DESCRIPTION                               | DATE      | APPROVED |
| D         | REVISED PER ECN T-14105 (LANYARD WAS 6in) | 90MAR29   | Z. TEMAN |
| E         | REVISED PER ECN# T-17959                  | 93JAN06   | Z. TEMAN |
| F         | REVISED PER ECN# T-21489                  | 6/10/97   | Z. TEMAN |
| F1        | REVISED DWG PER ECO-11-009073             | 5/02/2011 | E.CHEN   |

NOTE: (-L) ADDED TO D-621-04XX NUMBER INDICATES LANYARD (See Sheets 3 and 4),



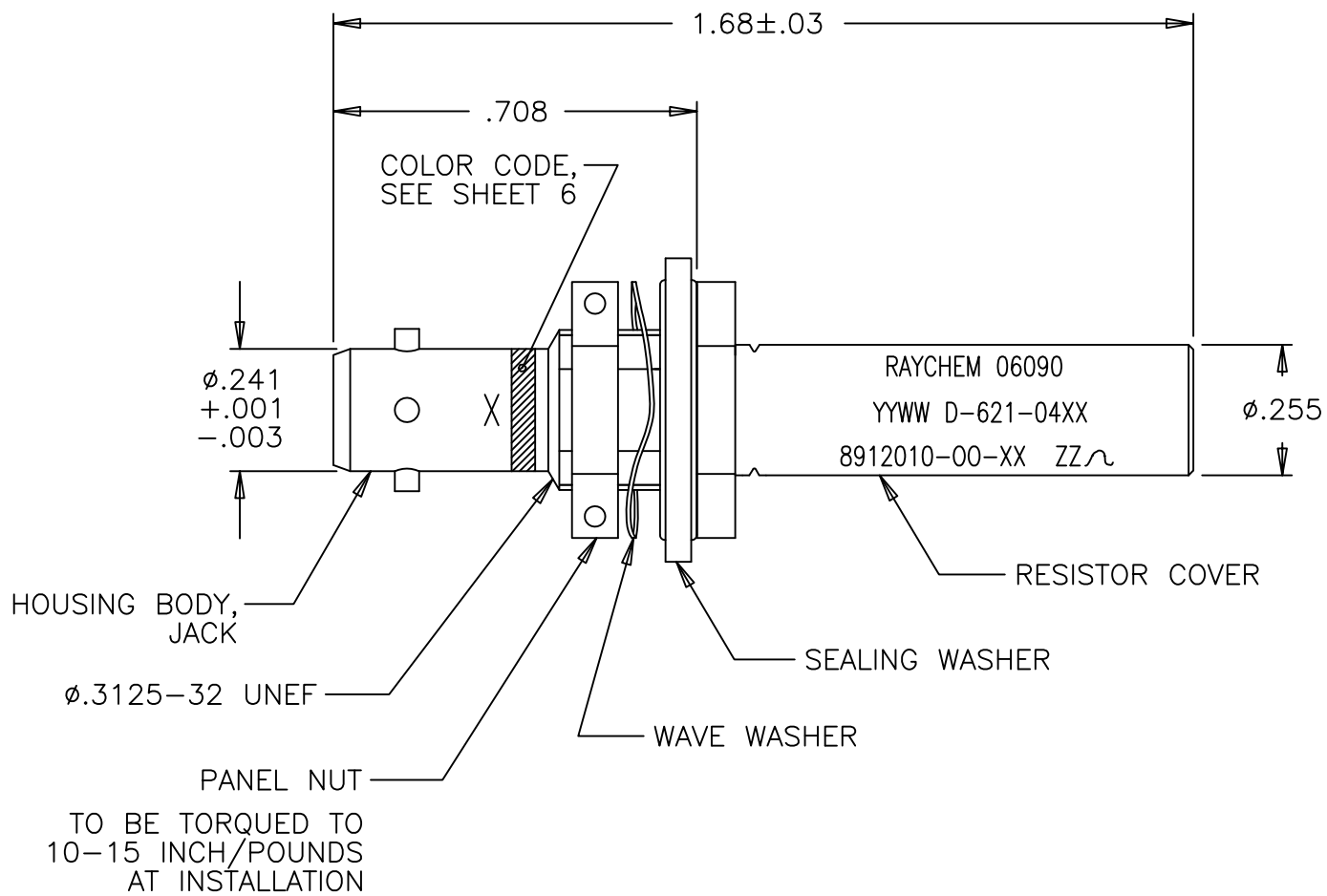
(TRIAXIAL CONNECTOR, PLUG WEIGHT: 16 GRAMS MAX.)

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|                                                                                                                                                                                                                         |                          |         |            |                                                                                                      |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------|------------|------------------------------------------------------------------------------------------------------|-----------------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES.<br>METRIC DIMENSIONS ARE<br>IN BRACKETS.<br><br>DECIMALS<br>.XXX ± .005 { — mm }<br>.XX ± .01 { — mm }<br>ANGLES<br>.X ± 1°<br><br>WEIGHT<br>— lbs { — g MAX. } | DRAWN                    | J.B.K.  | 89 JULY 21 |  TE Connectivity |                 |
|                                                                                                                                                                                                                         | CHECKED                  |         |            |                                                                                                      |                 |
|                                                                                                                                                                                                                         | APPROVED                 |         |            | TITLE<br>CORROSION RESISTANT CONNECTOR,<br>TRIAXIAL, BAYONET COUPLED,<br>RESISTOR TERMINATOR         |                 |
|                                                                                                                                                                                                                         | APPROVED                 | Z.TEMAN | 89 JULY 26 |                                                                                                      |                 |
|                                                                                                                                                                                                                         | CAD NAME                 |         |            | SIZE                                                                                                 | CODE IDENT. NO. |
|                                                                                                                                                                                                                         | D-621-0453_0484-La_CD_F1 |         |            | A                                                                                                    | 06090           |
|                                                                                                                                                                                                                         | THIRD ANGLE PROJECTION   |         |            | DWG. NO.                                                                                             | REV             |
|                                                                                                                                                                                                                         |                          |         |            | D-621-0453/0484-L                                                                                    | F1              |
|                                                                                                                                                                                                                         |                          |         |            | DO NOT SCALE THIS DRAWING                                                                            |                 |
|                                                                                                                                                                                                                         |                          |         |            | SHEET 1 OF 7                                                                                         |                 |



(TRIAXIAL CONNECTOR, JACK WEIGHT: 14 GRAMS MAX.)

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TE Connectivity

CAD NAME:

D-621-0453\_0484-Lb\_CD\_F1

DRAWN

J.B.K.

89 JULY 21

SIZE

A

CODE IDENT. NO.

06090

DWG. NO.

D-621-0453/0484-L

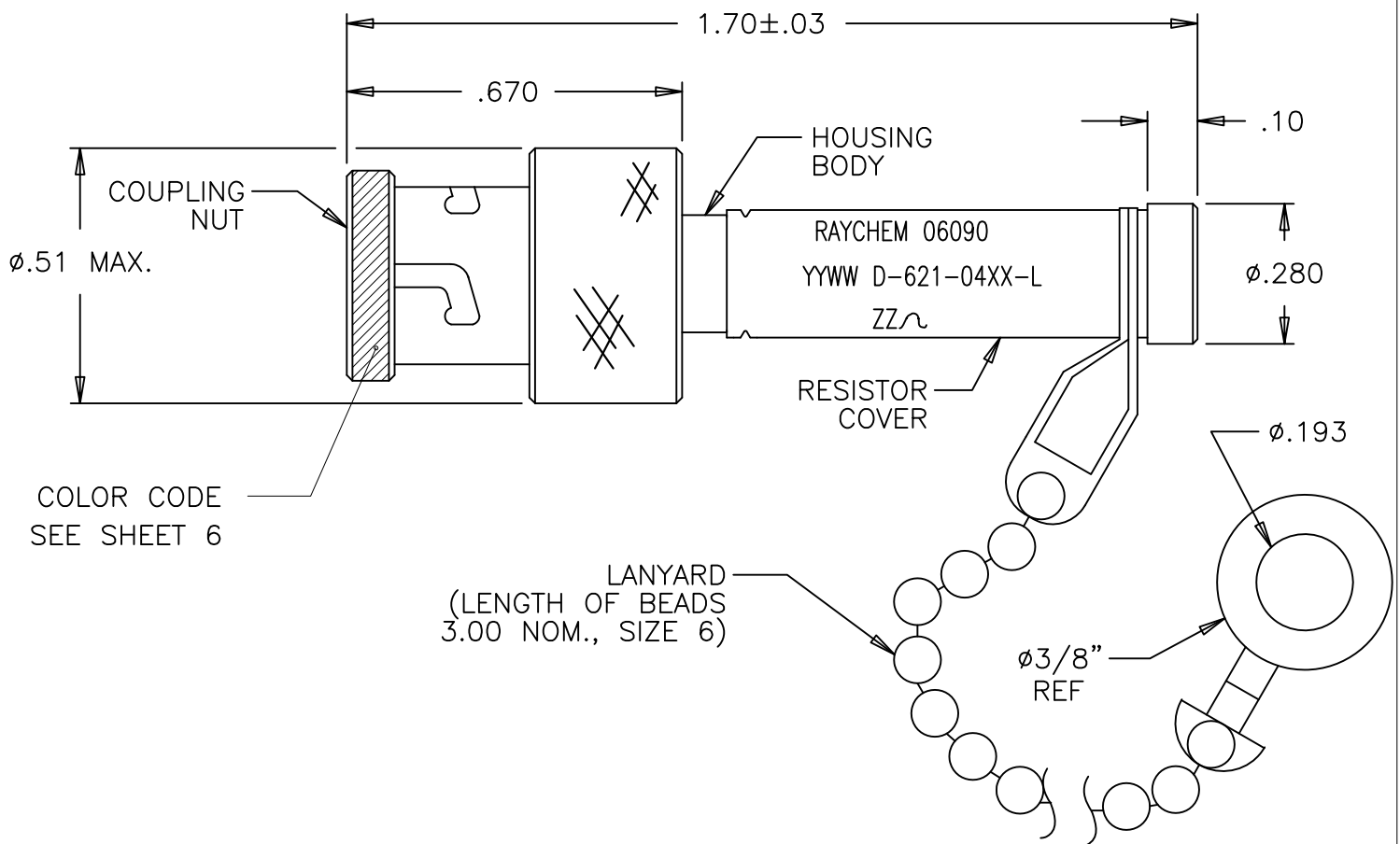
REV

F1

DO NOT SCALE THIS DRAWING

SHEET 2 OF 7





(TRIAXIAL CONNECTOR, WITH LANYARD, PLUG WEIGHT: 21 GRAMS MAX.)

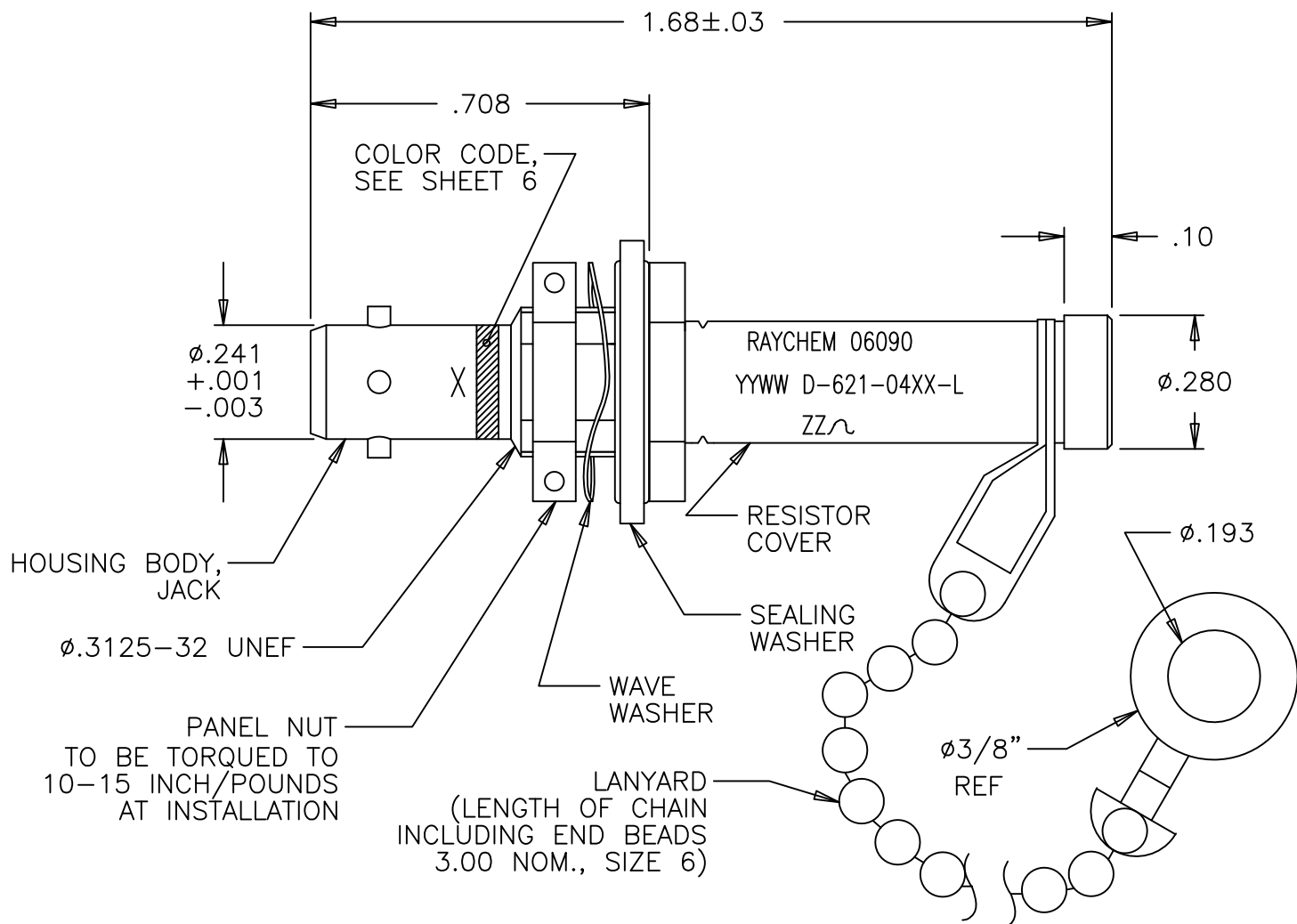
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TE Connectivity

|                                       |        |        |           |                           |                          |                               |              |
|---------------------------------------|--------|--------|-----------|---------------------------|--------------------------|-------------------------------|--------------|
| CAD NAME:<br>D-621-0453_0484-Lc_CD_F1 | DRAWN  | J.B.K. | 89 AUG 25 | SIZE<br>A                 | CODE IDENT. NO.<br>06090 | DWG. NO.<br>D-621-0453/0484-L | REV<br>F1    |
|                                       | ISSUED |        |           | DO NOT SCALE THIS DRAWING |                          |                               | SHEET 3 OF 7 |



TRIAxIAL CONNECTOR, WITH LANYARD, JACK WEIGHT: 19 GRAMS MAX.)

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|                                       |                 |            |           |                           |                               |              |
|---------------------------------------|-----------------|------------|-----------|---------------------------|-------------------------------|--------------|
| CAD NAME:<br>D-621-0453_0484-Ld_CD_F1 | DRAWN<br>J.B.K. | 89 JULY 21 | SIZE<br>A | CODE IDENT. NO.<br>06090  | DWG. NO.<br>D-621-0453/0484-L | REV<br>F1    |
|                                       | ISSUED          |            |           | DO NOT SCALE THIS DRAWING |                               | SHEET 4 OF 7 |



## 1.0 MATERIALS AND FINISHES

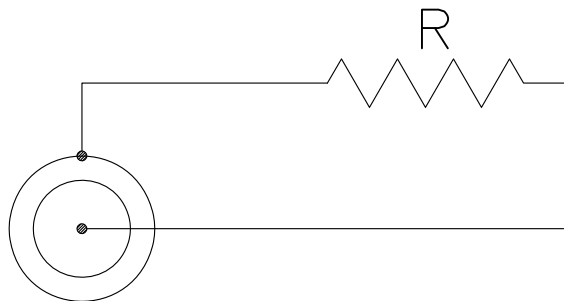
- 1.1 HOUSING BODY: BECU PER ASTM B 196, TIN PLATED PER MIL-T-10727,  
OVER NICKEL PER QQ-N-290
- 1.1.1 INSULATION: POLYETHERSULFONE
- 1.2 COUPLING NUT:  
(PLUG) BECU PER ASTM B 196, TIN PLATED PER MIL-T-10727,  
OVER NICKEL PER QQ-N-290
- 1.2.1 INTERFACIAL SEAL: SILICONE RUBBER
- 1.3 PANEL NUT:  
(JACK) BRASS ALLOY PER ASTM B16, TIN PLATED PER MIL-T-10727  
OVER NICKEL PER QQ-N-290
- 1.4 WAVE WASHER:  
(JACK) BECU PER ASTM B194, TIN PLATED PER MIL-T-10727  
OVER NICKEL PER QQ-N-290
- 1.5 SEALING WASHER:  
(JACK) SILICONE RUBBER (AMS 3304), STAINLESS STEEL PER  
MIL-S-5059, PASSIVATED PER QQ-P-35.
- 1.6 RESISTOR COVER: 300 SERIES STAINLESS STEEL PER ASTM A582,  
TIN PLATED PER MIL-T-10727,  
OVER NICKEL PER MIL-C-26074
- 1.7 LANYARD: CORROSION RESISTANT STEEL,  
TIN PLATED PER MIL-T-10727,  
OVER NICKEL PER QQ-N-290

## 2.0 PERFORMANCE CAPABILITIES

- 2.1 REFER TO RAYCHEM SPECIFICATION D-6025 (SUPERSEDES D-6050) AND  
D-6020 FOR PERFORMANCE AND QUALIFICATION REQUIREMENTS.

## 2.2 GENERAL CHARACTERISTICS.

- 2.2.1 OPERATING TEMPERATURE: -65°C TO 125°C
- 2.2.2 INSULATION RESISTANCE: GREATER THEN 5K MEG \*
- 2.2.3 DIELECTRIC STRENGTH: 900 VAC AT 60 Hz \*
- 2.2.4 POWER RATING: 1 WATT MAX.
- 2.2.5 TERMINATOR RESISTANCE: SEE RESISTANCE VALUES, SHEET 7 OF 7
- 2.2.6 SALT SPRAY CORROSION RESISTANCE: 500 HOURS



\* BETWEEN INNER COAXIAL CONTACT AND OUTER HOUSING

R = SEE SHEET 7 OF 7 FOR RESISTANCE VALUE  $\pm 2\%$

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TE Connectivity

CAD NAME:

DRAWN

J.B.K.

89 JULY 21

SIZE

A

CODE IDENT. NO.

06090

DWG. NO.

D-621-0453/0484-L

REV

F1

D-621-0453\_0484-Le\_CD\_F1

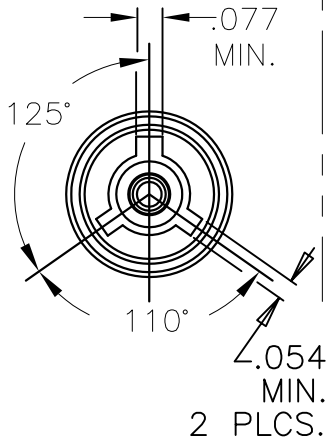
ISSUED

DO NOT SCALE THIS DRAWING

SHEET 5 OF 7

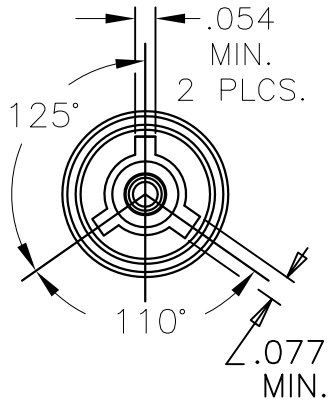


INTERFACE  
"A"  
PLUG



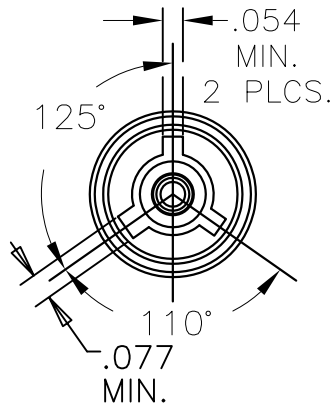
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INTERFACE  
"B"  
PLUG



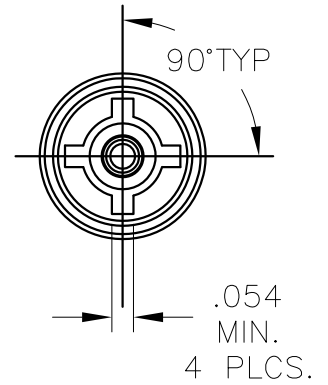
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INTERFACE  
"C"  
PLUG

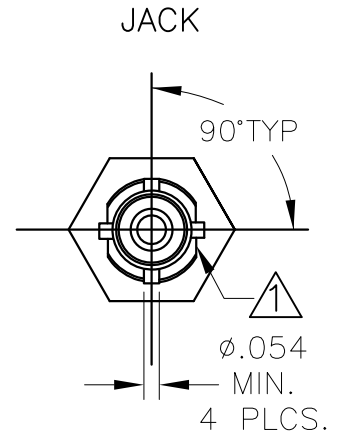
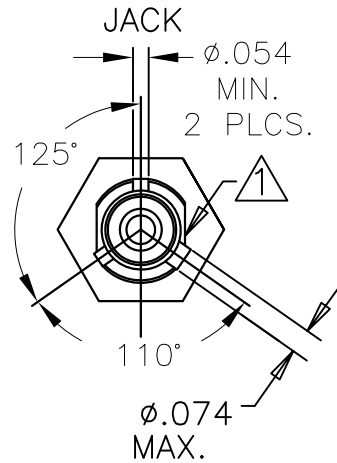
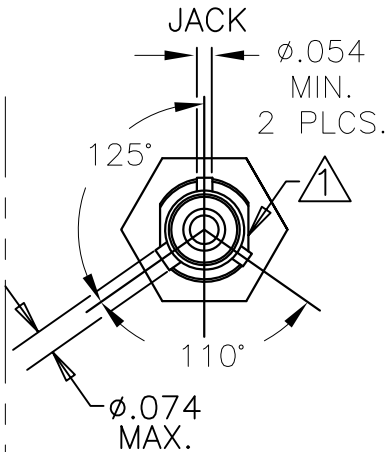
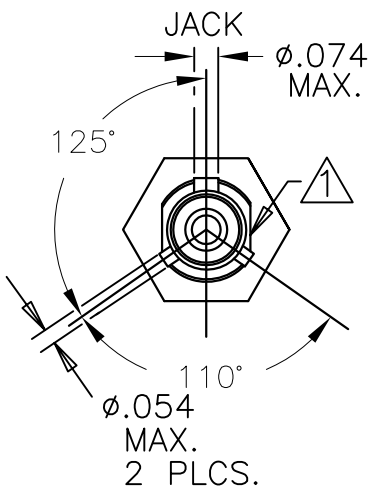


COLOR CODE: GREEN

INTERFACE  
"D"  
PLUG



NO COLOR CODE



NOTES:

1 MAJOR KEY ORIENTATION WITH RESPECT TO FLATS IS NOT CONTROLLED.

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TE Connectivity

CAD NAME:

D-621-0453\_0484-Lf\_CD\_F1

DRAWN

J.B.K.

89 JULY 21

SIZE

A

CODE IDENT. NO.

06090

DWG. NO.

D-621-0453/0484-L

REV

F1

DO NOT SCALE THIS DRAWING

SHEET 6 OF 7

NOTES:

- ① SUFFIX -L INDICATES PARTS WITH LANYARD, SEE SHEETS 3 AND 4.  
-L PARTS DO NOT HAVE USAF NUMBERS.

| DRAWING NO. ①  | USAF DRAWING NO. ① | DESCRIPTION |           |                   | RESISTANCE VALUE ±2% |
|----------------|--------------------|-------------|-----------|-------------------|----------------------|
|                |                    | CONNECTOR   | INTERFACE | INSTALLED CONTACT |                      |
| D-621-0453(-L) | 8912009-00-05      | PLUG        | "A"       | PIN               | 78 OHMS              |
| D-621-0454(-L) | 8912009-00-06      | PLUG        | "B"       | PIN               | 78 OHMS              |
| D-621-0455(-L) | 8912009-00-07      | PLUG        | "C"       | PIN               | 78 OHMS              |
| D-621-0456(-L) | 8912009-00-08      | PLUG        | "D"       | PIN               | 78 OHMS              |
| D-621-0457(-L) | 8912009-00-01      | PLUG        | "A"       | PIN               | 3000 OHMS            |
| D-621-0458(-L) | 8912009-00-02      | PLUG        | "B"       | PIN               | 3000 OHMS            |
| D-621-0459(-L) | 8912009-00-03      | PLUG        | "C"       | PIN               | 3000 OHMS            |
| D-621-0460(-L) | 8912009-00-12      | PLUG        | "D"       | SOCKET            | 3000 OHMS            |
| D-621-0461(-L) | 8912010-00-13      | JACK        | "A"       | SOCKET            | 78 OHMS              |
| D-621-0462(-L) | 8912010-00-14      | JACK        | "B"       | SOCKET            | 78 OHMS              |
| D-621-0463(-L) | 8912010-00-15      | JACK        | "C"       | SOCKET            | 78 OHMS              |
| D-621-0464(-L) | 8912010-00-16      | JACK        | "D"       | SOCKET            | 78 OHMS              |
| D-621-0465(-L) | 8912010-00-09      | JACK        | "A"       | SOCKET            | 3000 OHMS            |
| D-621-0466(-L) | 8912010-00-10      | JACK        | "B"       | SOCKET            | 3000 OHMS            |
| D-621-0467(-L) | 8912009-00-11      | JACK        | "C"       | SOCKET            | 3000 OHMS            |
| D-621-0468(-L) | 8912009-00-12      | JACK        | "D"       | SOCKET            | 3000 OHMS            |
| D-621-0469(-L) | 8912009-00-13      | PLUG        | "A"       | SOCKET            | 78 OHMS              |
| D-621-0470(-L) | 8912009-00-14      | PLUG        | "B"       | SOCKET            | 78 OHMS              |
| D-621-0471(-L) | 8912009-00-15      | PLUG        | "C"       | SOCKET            | 78 OHMS              |
| D-621-0472(-L) | 8912009-00-16      | PLUG        | "D"       | SOCKET            | 78 OHMS              |
| D-621-0473(-L) | 8912009-00-09      | PLUG        | "A"       | SOCKET            | 3000 OHMS            |
| D-621-0474(-L) | 8912009-00-10      | PLUG        | "B"       | SOCKET            | 3000 OHMS            |
| D-621-0475(-L) | 8912009-00-11      | PLUG        | "C"       | SOCKET            | 3000 OHMS            |
| D-621-0476(-L) | 8912009-00-04      | PLUG        | "D"       | PIN               | 3000 OHMS            |
| D-621-0477(-L) | 8912009-00-05      | JACK        | "A"       | PIN               | 78 OHMS              |
| D-621-0478(-L) | 8912009-00-06      | JACK        | "B"       | PIN               | 78 OHMS              |
| D-621-0479(-L) | 8912009-00-07      | JACK        | "C"       | PIN               | 78 OHMS              |
| D-621-0480(-L) | 8912009-00-08      | JACK        | "D"       | PIN               | 78 OHMS              |
| D-621-0481(-L) | 8912009-00-01      | JACK        | "A"       | PIN               | 3000 OHMS            |
| D-621-0482(-L) | 8912009-00-02      | JACK        | "B"       | PIN               | 3000 OHMS            |
| D-621-0483(-L) | 8912009-00-03      | JACK        | "C"       | PIN               | 3000 OHMS            |
| D-621-0484(-L) | 8912009-00-04      | JACK        | "D"       | PIN               | 3000 OHMS            |

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|                                       |        |        |           |                           |                          |                               |              |
|---------------------------------------|--------|--------|-----------|---------------------------|--------------------------|-------------------------------|--------------|
| CAD NAME:<br>D-621-0453_0484-Lg_CD_F1 | DRAWN  | J.B.K. | 89 AUG 25 | SIZE<br>A                 | CODE IDENT. NO.<br>06090 | DWG. NO.<br>D-621-0453/0484-L | REV<br>F1    |
|                                       | ISSUED |        |           | DO NOT SCALE THIS DRAWING |                          |                               | SHEET 7 OF 7 |