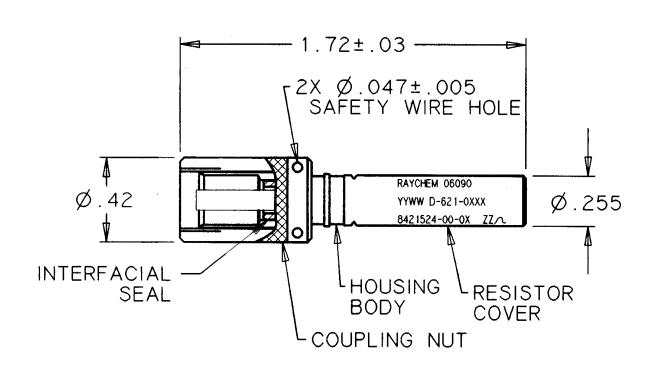
| | | REVISIONS | | |
|-------------------------------------|-----|--|---------|----------|
| | LTR | DESCRIPTION | DATE | APPROVED |
| -XXXX(-L) * | NC | RELEASED PER E.C.N. T-8409 | 87-7 | 1.M. |
| | Α | REVISED PER E.C.N. T-8576 | 87-9-2 | 1.M. |
| -0112(-L) | В | REVISED PER E.C.N. T-9548 | 88-4-7 | 1.M. |
| -0406(-L) | C | REVISED PER E.C.N. T-10386 | 88-7-15 | Z.T. |
| -0407(-L) | D | REVISED PER E.C.N. T-14157 | 90-4-10 | Z . T . |
| -0413(-L) -0415(-L) -0417(-L) | Е | REVISED PER E.C.N. T-16949 "WAS" D-621-XXXX[-L] | 92-1-6 | Z . T . |
| -0417(-L) -0418(-L) -0423(-L) | | | | |



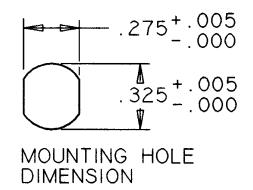
TRIAXIAL CONNECTOR, PLUG

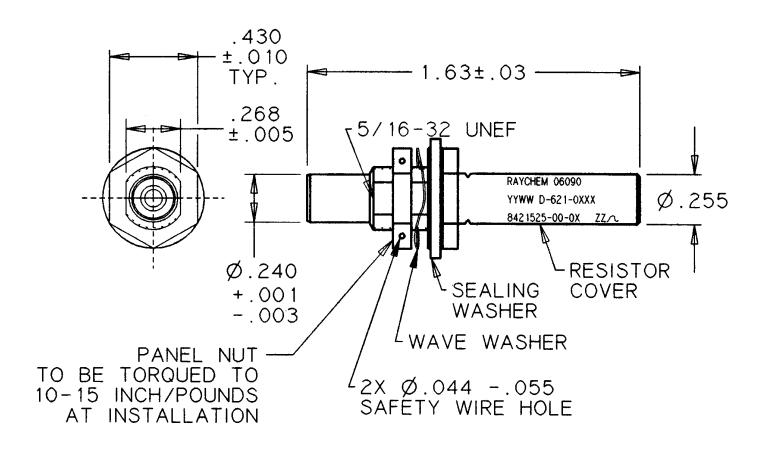
SPECIFICATION CONTROL DRAWING

-0424(-L)

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| 01 2011 10 | // \ | 1011 | 0011 | INOL | | Check for the latest revision. | |
|---|----------|----------|-------|---|-----------------|--|--------------|
| UNLESS OTHERWISE SPEC DIMENSIONS ARE IN INCH | | DRAWN | terry | 87-6-22 | tyco | Tyco Electronics Corporation 300 Constitutional Drive | Raychem |
| METRIC DIMENSIONS ARE | CHECKED | | | Electronics Menlo Park, CA 94025 USA | | , | |
| IN BRACKETS. DECIMALS | | APPROVED | | | COPPOSION | THREADED | NECTORIZED |
| .XXX ± .005 { mm} | APPROVED | | | CORROSION RESISTANT CONNECTOR RESISTOR TERMINATOR | | | |
| ANGLES | 111111 | CAD NAME | 0033 | 375-1 | | CLUDING USAF NUN | . • , , |
| .X ± | | THIRD AN | CIE / | | SIZE CODE IDEN | | → REV |
| WEIGHT: | | PROJECTI | | } - | A 0609 | - ID OF LOTIE | |
| | | | | 1 | DO NOT SCALE TH | S DRAWING | SHEET 1 OF 6 |

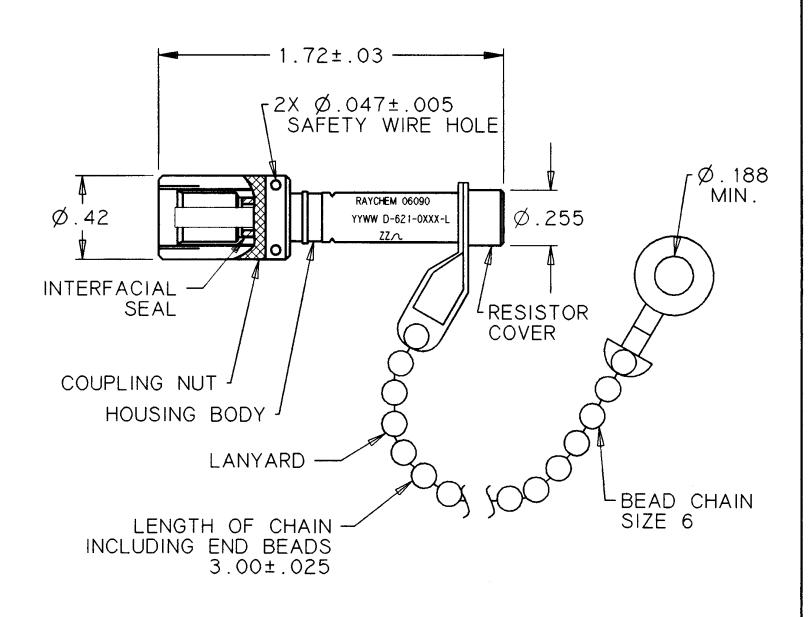




TRIAXIAL CONNECTOR, JACK

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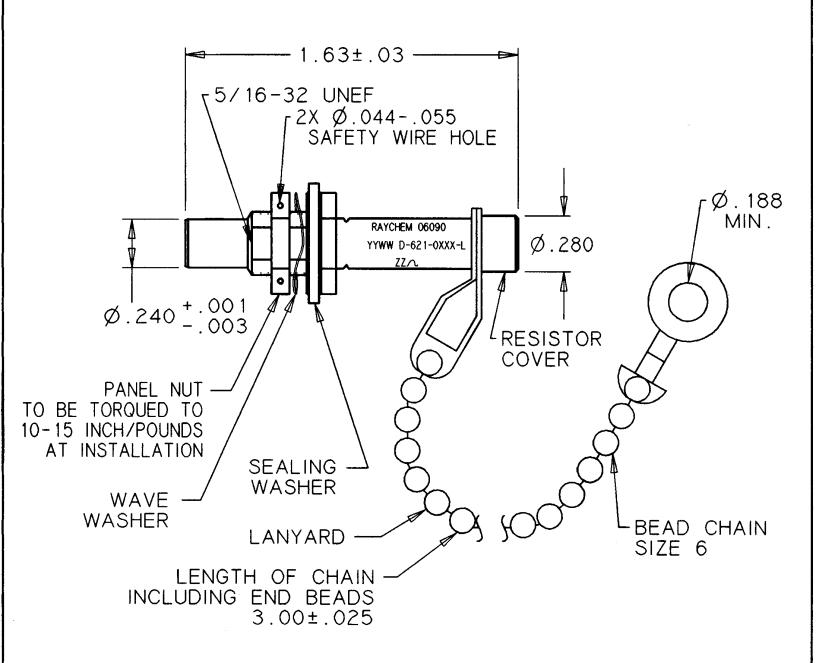
| CAD NAME: 003375-2 | DRAWN | J.B.K. | 91 DEC 3 | SIZE A | CODE IDENT. NO. | DWG. NO. | NAVVÍ I 1 E | _ |
|--------------------|--------|--------|----------|-----------|---------------------------------------|-------------|---------------------------|---|
| CAD NAME: 003373-2 | ISSUED | | | DO NO | · · · · · · · · · · · · · · · · · · · | D-621-0112/ | J4AA[-L] C SHEET 2 OF | 6 |



TRIAXIAL CONNECTOR, PLUG

CODE IDENT. NO. DWG. NO. DRAWN J.B.K. 91 DEC 3 CAD NAME: 003375-3 06090 ISSUED DO NOT SCALE THIS DRAWING

D-621-0112/04XX[-L



TRIAXIAL CONNECTOR, JACK

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| CAD NAME: 003375-4 | DRAWN | J.B.K. | 91 DEC 3 | SIZE A | CODE IDENT. NO. | D-621-0112/ | | REV |
|--------------------|--------|--------|----------|------------------|----------------------------|-------------|----------|-----|
| CAD NAME: 003375-4 | ISSUED | | | DO NO | 06090 T SCALE THIS DRAW | | 04XX[-L] | L |

1.0 MATERIALS

1.1 PLUG BODY AND COUPLING NUT: BRASS ALLOY PER ASTM B16

V

1.2 JACK BODY:

BECU PER QQ-C-530, ALLOY 173

CONDITION A OR H

1.3 PANEL NUT:

BRASS ALLOY PER ASTM B16

1.4 WAVE WASHER:

SPRING STEEL OR BECU. TIN PLATED PER MIL-T-10727

1.5 RESISTOR COVER:

STAINLESS STEEL TYPE 303 PER ASTM A582

1.6 LANYARD:

CORROSION RESISTANT STEEL

I.O EANTAND:

1.7 SEALING WASHER:

1.7.1 ELASTOMER:

SILICONE PER AMS-3304

1.7.2 WASHER:

CORROSION RESISTANT STEEL PER MIL-S-5059

HALF HARD OR ANNEALED PASSIVATED PER QQ-P-35

2.0 FINISHES

2.1 1.1 THRU 1.6:

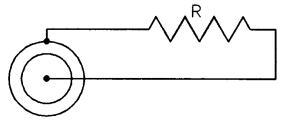
TIN PLATED PER MIL-T-10727 TYPE 1.

OVER SUITABLE NICKEL UNDERPLATE

TO WITHSTAND 500 HOUR SALT SPRAY TEST

3.0 INTERMATEABILITY

- 3.1 SEE TABLE
- 3.2 REFER TO RAYCHEM D-602-0126 AND D-602-0127 FOR CONTACT INTERMATEABILITY, MATERIAL AND DIMENSIONS.
- 4.0 PERFORMANCE CHARACTERISTICS
- 4.1 OPERATING TEMPERATURE: -65°C TO +125°C
- 4.2 POWER RATING: 1 WATT MAX.
- 4.3 INSULATION RESISTANCE: GREATER THAN 5K MEG
- 4.4 HIGH POTENTIAL, MATED, SEA LEVEL: 900 VOLTS AT 60 HZ
- 4.5 TERMINATOR RESISTANCE: SEE TABLE
- 4.6 REFER TO RAYCHEM SPECIFICATIONS D-6025 AND D-6020 FOR OTHER APPLICABLE PERFORMANCE AND QUALIFICATION REQUIREMENTS.
- 4.7 SALT SPRAY CORROSION RESISTANCE: 500 HOURS



R=SEE TABLE FOR RESISTANCE VALUE, SHEET 6 OF 6

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CAD NAME: 003375-5

DRAWN J.B.K. 91 DEC 3

A CODE IDENT. NO.

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D-621-0112/04XX[-

SHEET 5 OF

REV

SEE SHEET 1 FOR REVISION

NOTES:

A SUFFIX "L" INDICATES PARTS WITH LANYARD.

🖄 WEIGHT: PLUG: 19 GRAMS MAX., WITH LANYARD 24 GRAMS MAX.

JACK: 14 GRAMS MAX., WITH LANYARD 19 GRAMS MAX.

| DRAWING NO. | CONN. | INSTALLED CONTACT | MATING CONNECTOR | MATING CONTACT | RESISTANCE VALUE ±2% |
|--|-------------------------------|--|--|--|---|
| D-621-0112(-L) D-621-0406(-L) D-621-0407(-L) D-621-0413(-L) D-621-0415(-L) D-621-0417(-L) D-621-0418(-L) D-621-0423(-L) D-621-0424(-L) | JACK PLUG PLUG PLUG JACK JACK | PIN SOCKET PIN SOCKET PIN PIN PIN SOCKET | D-621-0412 D-621-0411 D-621-0412 D-621-0412 D-621-0412 D-621-0411 D-621-0411 | SOCKET PIN SOCKET PIN SOCKET SOCKET SOCKET | 50 OHMS 78 OHMS 3000 OHMS 78 OHMS 78 OHMS 3000 OHMS 78 OHMS 3000 OHMS 3000 OHMS |

| U.S. AIR FORCE SPECIAL MARKING | | | | | |
|-----------------------------------|---------------|--|--|--|--|
| AIR FORCE | AIR FORCE | | | | |
| TERMINATOR | DRAWING NO. | | | | |
| D-621-0406 | 8421525-00-04 | | | | |
| D-621-0407 | 8421524-00-02 | | | | |
| D-621-0413 | 8421524-00-03 | | | | |
| D-621-0415 | 8421524-00-04 | | | | |
| D-621-0417 | 8421524-00-01 | | | | |
| D-621-0418 | 8421525-00-03 | | | | |
| D-621-0423 | 8421525-00-01 | | | | |
| D-621-0424 | 8421525-00-02 | | | | |

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