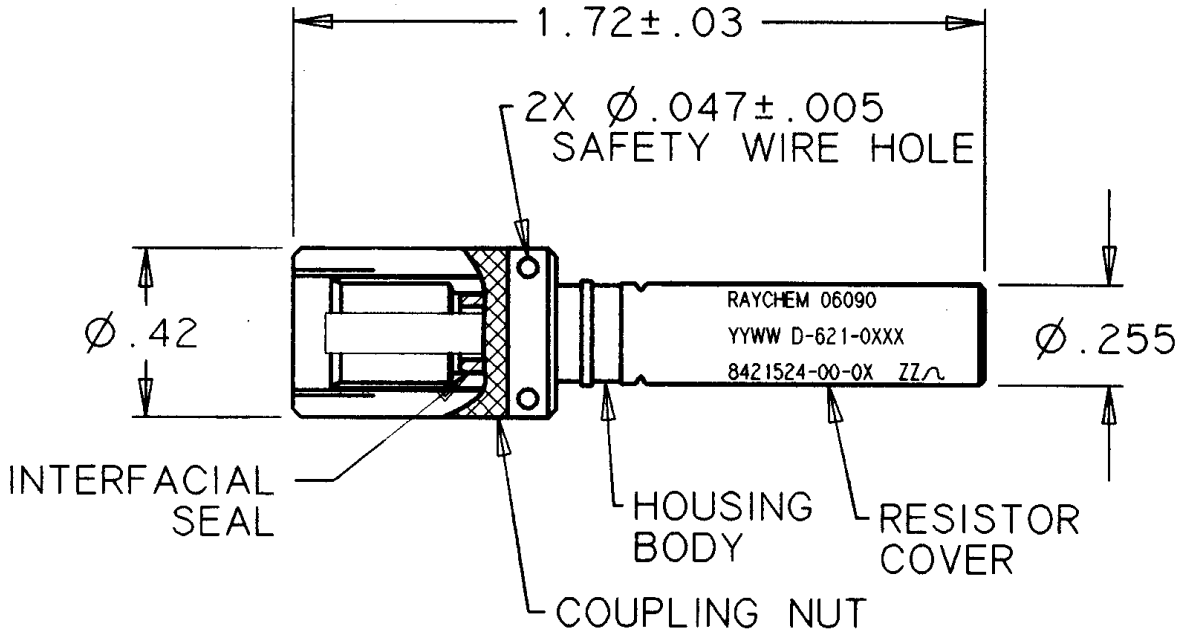
| REVISIONS | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| NC | RELEASED PER E.C.N. T-8409 | 87-7 | I.M. |
| A | REVISED PER E.C.N. T-8576 | 87-9-2 | I.M. |
| B | REVISED PER E.C.N. T-9548 | 88-4-7 | I.M. |
| C | REVISED PER E.C.N. T-10386 | 88-7-15 | Z.T. |
| D | REVISED PER E.C.N. T-14157 | 90-4-10 | Z.T. |
| E | REVISED PER E.C.N. T-16949 "WAS" D-621-XXXX[-L] | 92-1-6 | Z.T. |

-XXXX(-L) *

-0112(-L)
-0406(-L)
-0407(-L)
-0413(-L)
-0415(-L)
-0417(-L)
-0418(-L)
-0423(-L)
-0424(-L)




TRIAXIAL CONNECTOR, PLUG

# SPECIFICATION CONTROL DRAWING

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.

DECIMALS
.XXX ± .005 { mm }
.XX ± .01 { mm }

ANGLES
.X ±

WEIGHT: (2)

| | | |
|---|---|---|
| DRAWN | terry | 87-6-22 |
| CHECKED | | |
| APPROVED | | |
| APPROVED | | |
| CAD NAME | 003375-1 | |

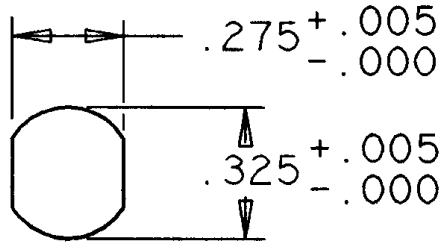
THIRD ANGLE PROJECTION

tyco Electronics
Tyco Electronics Corporation
300 Constitutional Drive
Menlo Park, CA 94025 USA
Raychem

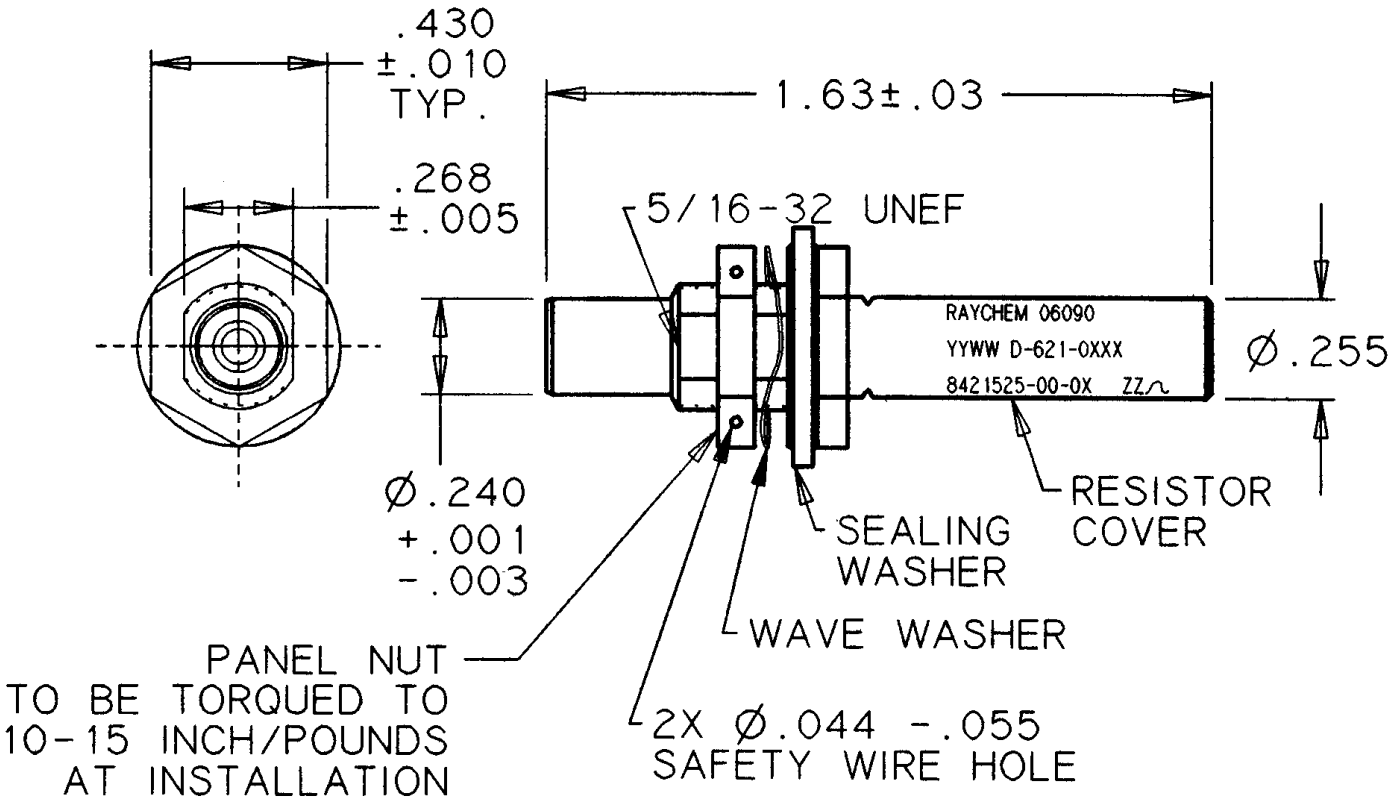
TITLE
THREADED
CORROSION RESISTANT CONNECTORIZED, RESISTOR TERMINATOR INCLUDING USAF NUMBERS

| SIZE | CODE IDENT. NO. | DWG. NO. | REV |
|---|---|---|---|
| A | 06090 | D-621-0112/04XX[-L] * | E |

DO NOT SCALE THIS DRAWING




MOUNTING HOLE DIMENSION




TRIAXIAL CONNECTOR, JACK

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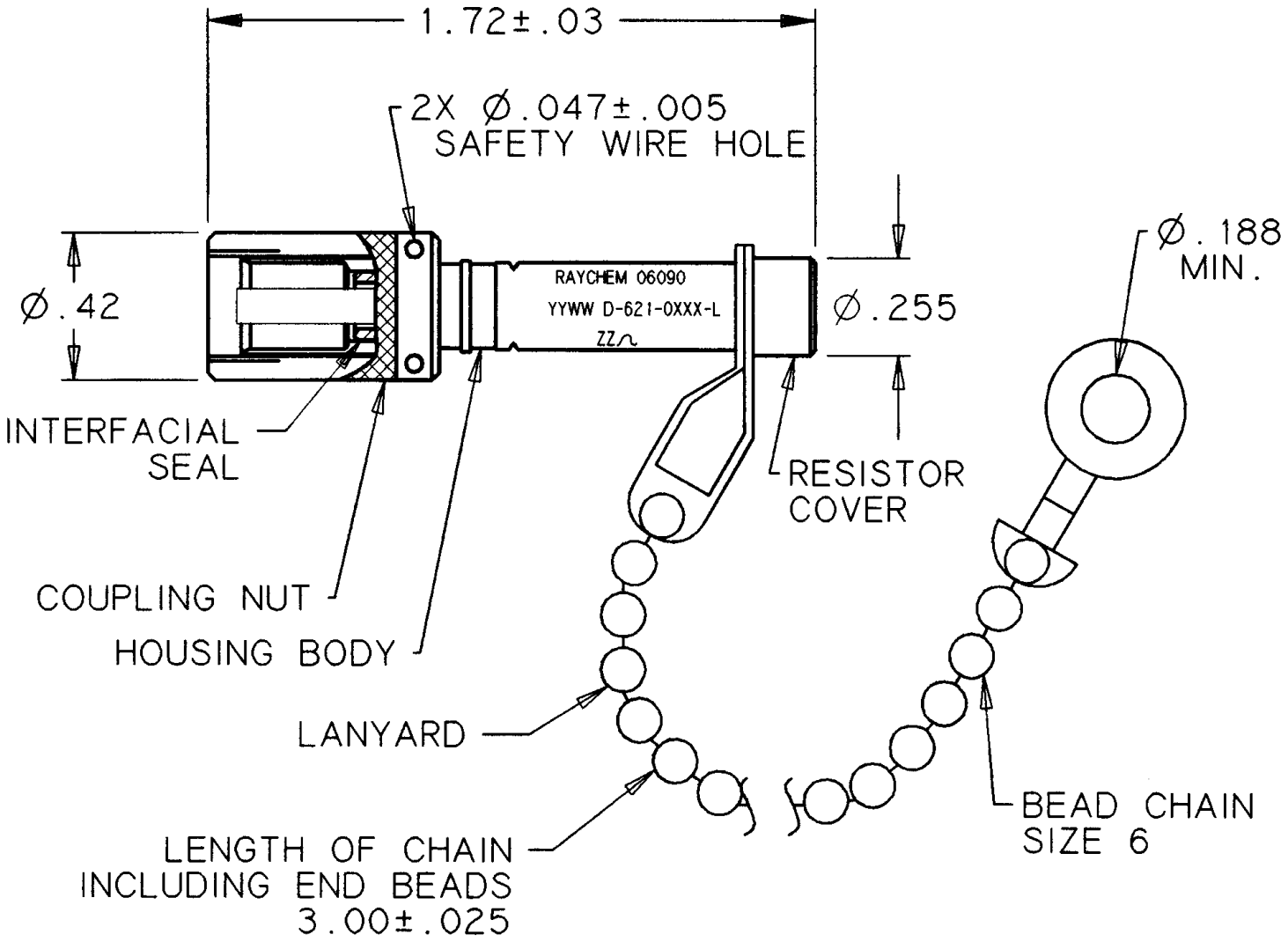
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| CAD NAME: 003375-2 | DRAWN | J.B.K. | 91 DEC 3 | SIZE A | CODE IDENT. NO. 06090 | DWG. NO. D-621-0112/04XX[-L] | REV E |
| | ISSUED | | | DO NOT SCALE THIS DRAWING | | SHEET 2 OF 6 | |




TRIAXIAL CONNECTOR, PLUG

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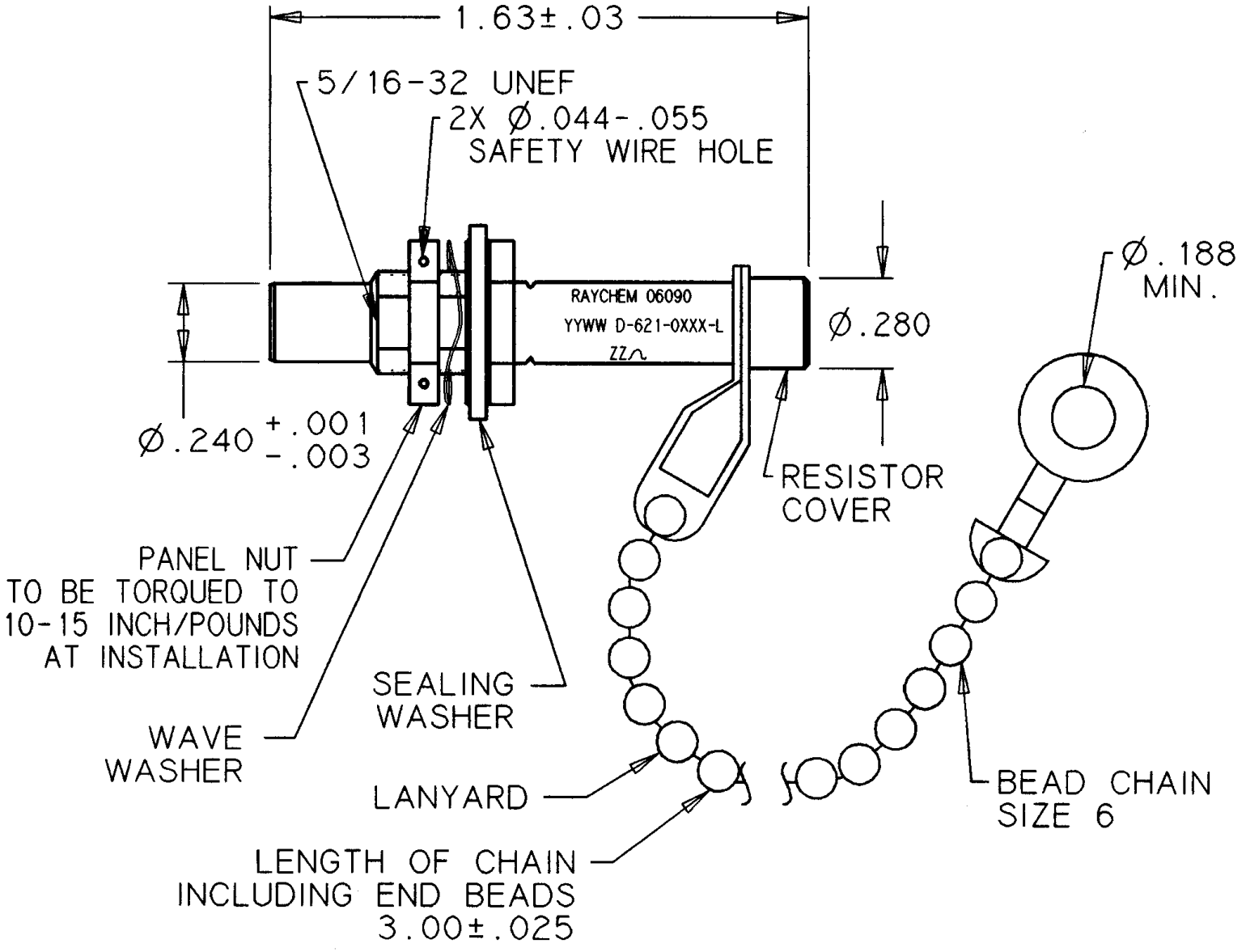
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| CAD NAME: 003375-3 | DRAWN | J.B.K. | 91 DEC 3 | SIZE A | CODE IDENT. NO. 06090 | DWG. NO. D-621-0112/04XX[-L] | REV E |
| | ISSUED | | | DO NOT SCALE THIS DRAWING | | SHEET 3 OF 6 | |




TRIAXIAL CONNECTOR, JACK

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| CAD NAME: 003375-4 | DRAWN | J.B.K. | 91 DEC 3 | SIZE A | CODE IDENT. NO. 06090 | DWG. NO. D-621-0112/04XX[-L] | REV E |
| | ISSUED | | | DO NOT SCALE THIS DRAWING | | SHEET 4 OF 6 | |

SEE SHEET 1 FOR REVISION

## 1.0 MATERIALS

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

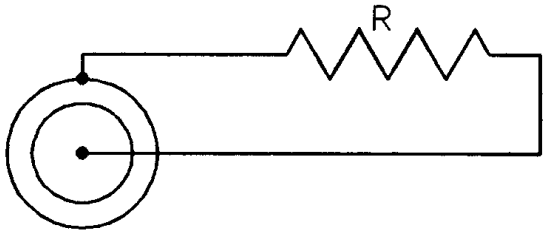
4.3 INSULATION RESISTANCE: GREATER THAN 5K MEG

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 | SIZE A | CODE IDENT. NO. 06090 | DWG. NO. D-621-0112/04XX[-L] | REV E |
| | ISSUED | | | DO NOT SCALE THIS DRAWING | | | SHEET 5 OF 6 |

NOTES:

1. SUFFIX "L" INDICATES PARTS WITH LANYARD.
2. WEIGHT: PLUG: 19 GRAMS MAX., WITH LANYARD 24 GRAMS MAX.
   JACK: 14 GRAMS MAX., WITH LANYARD 19 GRAMS MAX.

| 1 DRAWING NO. | CONN. | INSTALLED CONTACT | MATING CONNECTOR | MATING CONTACT | RESISTANCE VALUE ±2% |
|---|---|---|---|---|---|
| D-621-0112(-L) | PLUG | PIN | D-621-0412 | SOCKET | 50 OHMS |
| D-621-0406(-L) | JACK | SOCKET | D-621-0411 | PIN | 78 OHMS |
| D-621-0407(-L) | PLUG | SOCKET | D-621-0412 | PIN | 3000 OHMS |
| D-621-0413(-L) | PLUG | PIN | D-621-0412 | SOCKET | 78 OHMS |
| D-621-0415(-L) | PLUG | SOCKET | D-621-0412 | PIN | 78 OHMS |
| D-621-0417(-L) | PLUG | PIN | D-621-0412 | SOCKET | 3000 OHMS |
| D-621-0418(-L) | JACK | PIN | D-621-0411 | SOCKET | 78 OHMS |
| D-621-0423(-L) | JACK | PIN | D-621-0411 | SOCKET | 3000 OHMS |
| D-621-0424(-L) | JACK | SOCKET | D-621-0411 | PIN | 3000 OHMS |

| U.S. AIR FORCE SPECIAL MARKING | |
|---|---|
| AIR FORCE TERMINATOR | AIR FORCE 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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Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

**Данный компонент на территории Российской Федерации**

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http://moschip.ru/get-element

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

**Офис по работе с юридическими лицами:**

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