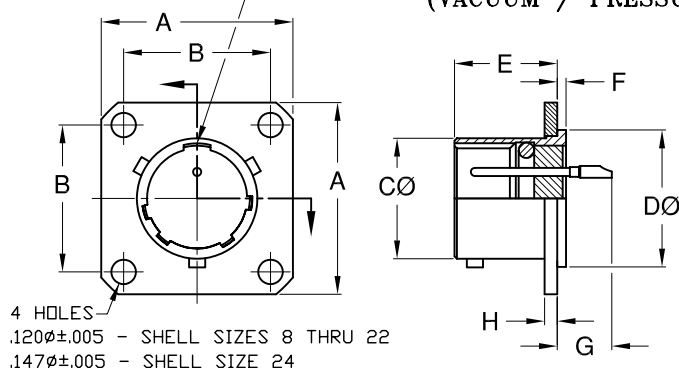


# MINIATURE HERMETIC ELECTRONIC CONNECTORS-DT SERIES

## MIL-C-26482 TYPE, COMMERCIAL EQUAL HERMETIC GLASS-TO-METAL SEALED (VACUUM / PRESSURE FEED THRU)

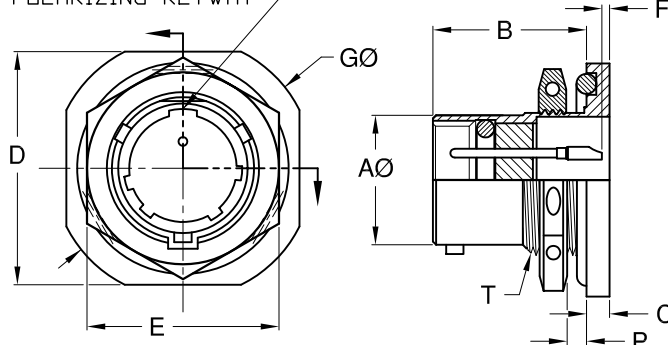
MAIN POLARIZING KEYWAY



| PART NO.     | A<br>±.016 | B<br>TYP. | CØ<br>+.001<br>-.005 | DØ<br>+.001<br>-.005 | E<br>+.025<br>-.015 | F<br>±.016 | G<br>MAX. | H<br>±.016 |
|--------------|------------|-----------|----------------------|----------------------|---------------------|------------|-----------|------------|
| DT02H-8-#PN  | .812       | .594      | .473                 | .562                 | .494                | .047       | .344      | .062       |
| DT02H-10-#PN | .938       | .719      | .590                 | .672                 | .494                | .047       | .344      | .062       |
| DT02H-12-#PN | 1.031      | .812      | .750                 | .781                 | .494                | .047       | .344      | .062       |
| DT02H-14-#PN | 1.125      | .906      | .875                 | .906                 | .494                | .047       | .344      | .062       |
| DT02H-16-#PN | 1.219      | .969      | 1.000                | 1.031                | .494                | .047       | .344      | .062       |
| DT02H-18-#PN | 1.312      | 1.062     | 1.125                | 1.156                | .494                | .047       | .344      | .062       |
| DT02H-20-#PN | 1.438      | 1.156     | 1.250                | 1.220                | .556                | .047       | .344      | .094       |
| DT02H-22-#PN | 1.562      | 1.250     | 1.375                | 1.340                | .556                | .079       | .377      | .094       |
| DT02H-24-#PN | 1.688      | 1.375     | 1.500                | 1.470                | .588                | .079       | .377      | .094       |

**DT02H - FLANGE MOUNT CONNECTORS  
(MIL-STD-3112H TYPE)**

MAIN POLARIZING KEYWAY



| PART NO.     | AØ<br>+.001<br>-.005 | B<br>+.031<br>-.000 | C<br>±.020 | D<br>MAX. | E<br>HEX<br>±.017 | F<br>PIN<br>±.030 | GØ<br>+.000<br>-.032 | P<br>PANEL<br>MIN. | THK.<br>MAX. | T<br>THREAD<br>UNEQ-2A † |
|--------------|----------------------|---------------------|------------|-----------|-------------------|-------------------|----------------------|--------------------|--------------|--------------------------|
| DT07H-8-#PN  | .473                 | .691                | .117       | .954      | .750              | .025              | 1.078                | .062               | .125         | .5625-24                 |
| DT07H-10-#PN | .590                 | .691                | .117       | 1.078     | .875              | .025              | 1.203                | .062               | .125         | .6875-24                 |
| DT07H-12-#PN | .750                 | .691                | .117       | 1.266     | 1.062             | .025              | 1.391                | .062               | .125         | .875-20                  |
| DT07H-14-#PN | .875                 | .691                | .117       | 1.391     | 1.188             | .025              | 1.516                | .062               | .125         | 1.000-20                 |
| DT07H-16-#PN | 1.000                | .691                | .117       | 1.516     | 1.312             | .025              | 1.641                | .062               | .125         | 1.125-18                 |
| DT07H-18-#PN | 1.125                | .691                | .117       | 1.641     | 1.438             | .025              | 1.766                | .062               | .125         | 1.250-18                 |
| DT07H-20-#PN | 1.250                | .879                | .148       | 1.828     | 1.562             | .190              | 1.954                | .062               | .250         | 1.375-18                 |
| DT07H-22-#PN | 1.375                | .879                | .148       | 1.954     | 1.688             | .190              | 2.078                | .062               | .250         | 1.500-18                 |
| DT07H-24-#PN | 1.500                | .912                | .148       | 2.078     | 1.812             | .220              | 2.203                | .062               | .250         | 1.625-18                 |

**DT07H - JAM NUT MOUNT CONNECTORS (MIL-STD-3114H TYPE)**

\* ADD DESIRED INSERT ARRANGEMENT.

▼ INSERT ARRANGEMENT IS SHOWN IN NORMAL POSITION.

† AFTER PLATING, SUBJECT TO ACCEPTANCE USING A BASIC CLASS 3A GO GAGE.

OTHER PIN PATTERNS AND INSERT POSITIONS MAY BE AVAILABLE - CONSULT FACTORY.

MATERIAL: STANDARD IS CRS SHELL, 52 NICKEL ALLOY PINS AND SILICONE O-RING ONLY.

STANDARD PIN IS SOLDER CUP TYPE. OTHER PIN TYPES ALSO AVAILABLE

(EYELET, STRAIGHT, THERMOCOUPLE) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.

OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET

THE DIMENSIONAL REQUIREMENTS OF MIL-C-26482 AND MIL-STD-3116.

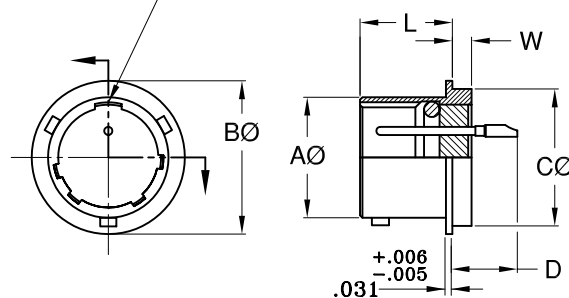
### GENERAL SPECIFICATIONS

AIR LEAKAGE:  $1 \times 10^{-6}$  CM<sup>3</sup>/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

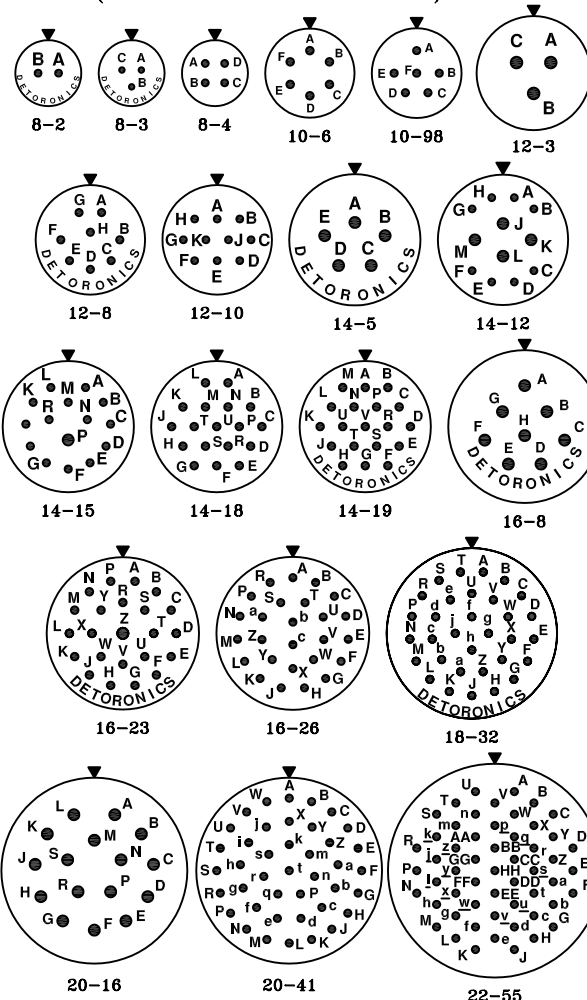
OPERATING TEMPERATURE: -67°F TO +257°F (-55°C TO +125°C)

MAIN POLARIZING KEYWAY



| PART NO.    | AØ<br>+.001<br>-.005 | BØ<br>MAX. | CØ<br>+.001<br>-.005 | D<br>MAX. | L<br>+.025<br>-.016 | W<br>+.011<br>-.010 |
|-------------|----------------------|------------|----------------------|-----------|---------------------|---------------------|
| DT1H-8-#PN  | .473                 | .636       | .562                 | .386      | .447                | .094                |
| DT1H-10-#PN | .590                 | .761       | .672                 | .386      | .447                | .094                |
| DT1H-12-#PN | .750                 | .855       | .781                 | .386      | .447                | .094                |
| DT1H-14-#PN | .875                 | .980       | .906                 | .386      | .447                | .094                |
| DT1H-16-#PN | 1.000                | 1.105      | 1.031                | .386      | .447                | .094                |
| DT1H-18-#PN | 1.125                | 1.229      | 1.156                | .386      | .447                | .094                |
| DT1H-20-#PN | 1.250                | 1.323      | 1.250                | .386      | .509                | .094                |
| DT1H-22-#PN | 1.375                | 1.449      | 1.375                | .418      | .509                | .125                |
| DT1H-24-#PN | 1.500                | 1.574      | 1.500                | .418      | .542                | .125                |

**DT1H - SOLDER MOUNT CONNECTORS  
(MIL-STD-3113H TYPE)**



**ENGAGING FACE PIN INSERTS**

**DETORONICS CORPORATION**

10660 EAST RUSH STREET, SO. EL MONTE, CA 91733

TELE: (626) 579-7130 FAX: (626) 579-1936

[www.detoronics.com](http://www.detoronics.com)