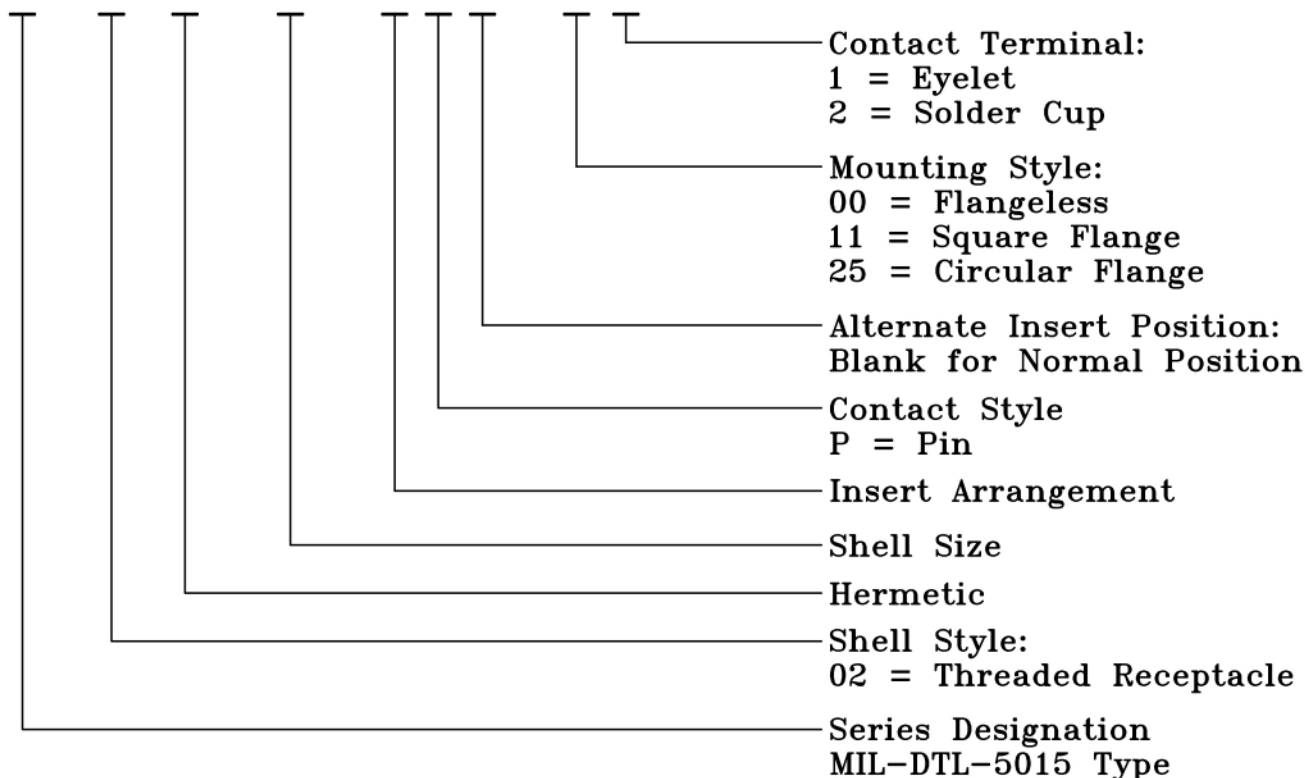


MIL-DTL-5015 TYPE, DS SERIES  
(COMMERCIAL EQUAL - HERMETIC)

PART NUMBERING SYSTEM

DS 02 H-16S -1 P\* -111



GENERAL SPECIFICATIONS

MATERIAL

Shell, Key and Flange: Carbon Steel  
Pins: 52 Nickel Alloy  
Seals: None  
Insulator: Glass

CURRENT RATING

Size 20: 5 AMPS  
Size 16: 10 AMPS

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 +347°F (-55°C TO +175°C)

STANDARD PIN IS EYELET TYPE. OTHER PIN TYPES ALSO AVAILABLE  
(SOLDER CUP, 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-DTL-5015 AND MS3106.

**Detronics Corporation**

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