

# THREADED COUPLING, MIL-DTL-5015 TYPE Harsh Environment Power and Signal Interconnects



## Hermetic Connector Designer's Application Checklist Series I

Name \_\_\_\_\_

Company Name \_\_\_\_\_

Address \_\_\_\_\_

City and State \_\_\_\_\_

Country and Postal Code/Zip \_\_\_\_\_

Telephone \_\_\_\_\_

E-mail \_\_\_\_\_

### Specification Reference:

- MIL-DTL-38999       MIL-DTL-83513
- MIL-DTL-5015       MIL-DTL-24308
- MIL-DTL-26482       Glenair Series 80
- MIL-DTL-83723       Other (i.e. Series 79, Geo-Marine)

### Shell Style:

- Jam Nut       Flange Mount
- Box Mount       Dual Flange PCB
- Solder Mount       Wall Mount
- Weld Mount       Connector Adaptor

Shell Size/Insert Arrangement: \_\_\_\_\_

Pin Count: \_\_\_\_\_

### Contact Gender:

- Pin
- Socket

Shell Rotation/Clocking Position: \_\_\_\_\_

Shell Material and Finish: \_\_\_\_\_

Termination (PC tails, Solder Cup, Radius, Eyelet, etc.):  
\_\_\_\_\_

Pressure Requirement (PSI): \_\_\_\_\_

Temperature Requirement: \_\_\_\_\_

Hermeticity Requirement (1x10-\* cc/He) \_\_\_\_\_

IR: \_\_\_\_\_ DWV: \_\_\_\_\_

Marking: \_\_\_\_\_

Connector Application: \_\_\_\_\_

QPL Req'd: Yes \_\_\_\_\_ No \_\_\_\_\_

What material(s) will the connector be in contact with, i.e. fluid, steam, mating connector material:  
\_\_\_\_\_  
\_\_\_\_\_

Special Instructions/Notes:  
\_\_\_\_\_  
\_\_\_\_\_

Note: Connectors can be NASA screened, outgassed or be rated for higher hermeticity. Titanium and Inconel® materials additionally are available as well as thermocouple contacts, quadrax, and co-ax contacts.