NOTES:
1. LEAK TEST @ 1 ATM, 1X10^-6 CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYDROTREAT 300 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM CONDUCTOR TO CONDUCTOR AND CONNECTOR SHELL WITH MATING CONNECTORS.
3. CONTINUITY TEST < 50 OHMS MATING CONNECTOR TO MATING CONNECTOR AND CONNECTOR SHELL TO CONNECTOR SHELL.
4. ALCOHOL OR FOMBLIN @ HAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
5. ALL PARTS MUST PASS ALL TESTS.
6. NO COSMETIC SURFACE voids ARE ACCEPTABLE ON O-RING SEALING SURFACES. COSMETIC SURFACE voids SMALLER THAN 0.035 (0.89) ARE ACCEPTABLE ON ALL OTHER SURFACES.
7. REF-OPERATING TEMPERATURE -20°C TO 85°C.
8. DIMENSIONS ARE INCHES [millimeters].
9. PAVE-SEAL CAN BE A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST PressURES. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.
10. ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.

ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE:
0.5 X.X DECIMAL
0.1 X.XX DECIMAL
0.02 X.XXX DECIMAL
0.005
ANGLES NOTED

HE LEAK TEST @ 1 ATM. 1X10^-6 CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM CONDUCTOR TO CONDUCTOR AND CONNECTOR SHELL WITH MATING CONNECTORS.
CONTINUITY TEST <50 OHMS MATING CONNECTOR TO MATING CONNECTOR AND CONNECTOR SHELL TO CONNECTOR SHELL.
ALCOHOL OR FOMBLIN VAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
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REF-OPERATING TEMPERATURE -20°C TO 85°C.
DIMENSIONS ARE INCHES [millimeters].
PAVE-SEAL CAN BE A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST Pressures. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.

ITEM QTY PART NUMBER DESCRIPTION
8 2 YARDLEY#440A5-8 THREADED INSERT SS 4-40 X .12
7 2 3341-31 JACKSOCKET M2.5 MALE/ #4-40 FEMALE SS
6 2 749087-1 SCREWLOCK #4-40/#2-56 FEMALE SS
5 1 .036 VITON O-RING - 036 VITON 75
4 1 2-5174339-5 PLUG D-SUB 68 PIN AMPLIMITE .050 SERIES
3 1 5749070-7 RC PT D-SUB 68 SOCKET AMPLIMITE .050 SERIES
2 A/R PAVE-Seal 150 EPOXY BLACK
1 1 4182 PLATE TOP SS DSUB

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