



NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10⁻⁷ CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING WITH MATING CONNECTORS.
3. CONTINUITY TEST <0.5 OHM MATING CONNECTOR TO MATING CONNECTOR.
4. ITEM 3 (RED WIRES) WILL BE TERMINATED ON BOTH ENDS WITH ITEM 5 (RED PLUGS) AND ITEM 4 (BLACK WIRES) WILL BE TERMINATED ON BOTH ENDS WITH ITEM 6 (BLACK PLUGS).
5. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
6. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
7. ALL PARTS MUST PASS ALL TESTS.
8. WIRE POSITIONING IS APPROXIMATE & COLOR POSITIONS ARE VARIABLE.
9. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: Ø .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: Ø .060 [1.5] MAX ALLOWED VOID SIZE
10. REF-OPERATING TEMPERATURE RANGE -20 °C TO 125 °C.
11. DIMENSIONS ARE INCHES [millimeters].
12. 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.

7	A/R	SAC305	SOLDER SAC305 FAST CORE
6	10	KEY 6081	CONN BANANA PLUG SOLDER BLACK
5	10	KEY 6080	CONN BANANA PLUG SOLDER RED
4	5	E12 BLACK	WIRE 12E MIL-W-16878/4 .013 19/#25
3	5	E12 RED	WIRE 12E MIL-W-16878/4 .013 19/#25
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	3583	HOUSING NW40-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

PAVE technology co.
 2751 Thunderhawk Court
 Dayton, OH 45414-3445
 U.S.A.
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 www.pavetechnologyco.com

DESCRIPTION
 NW40-SS-150-10-TE12-72T-36T

PART NUMBER
5961

MATERIAL NOTED

REVISION LEVEL
 A

PROJECTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE ±0.5
 X.X DECIMAL ±0.1 X.XX DECIMAL ±0.02 X.XXX DECIMAL ±0.005
 ANGLES ±1 DEGREE SURFACE FINISH 128 microinch RMS