



NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10⁻⁹ 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 SHIELD AND HOUSING WITH MATING CONNECTOR.
3. CONTINUITY TEST SHIELD <0.5 OHM MATING CONNECTOR TO CABLE END.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
7. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
8. REF-OPERATING TEMPERATURE RANGE -40 °C TO 107 °C.
9. DIMENSIONS ARE INCHES [millimeters].
10. 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.

5	A/R	FOMBLIN YVAC 3	LUBRICANT O-RING FOMBLIN GREASE
4	1	3-902 NBR	O-RING 3-902 NBR 70
3	1	110756	CABLE ASSEMBLY 26AWG KAPTON INSULATED TYP6 COAX W/MALE SMA CONNECTOR 39" OAL
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	5843	HOUSING SO5-SS (316SS)
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION
SO5-SS-150-1-TYP6COAX-36T-2

PART NUMBER 5838	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