



- NOTES:
1. HE LEAK TEST @ 200 PSI, 3×10^{-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.
 3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 4. ALL PARTS MUST PASS ALL TESTS.
 5. WIRE POSITIONING IS APPROXIMATE & COLOR POSITIONS ARE VARIABLE.
 6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 $\leq .5$ [12.7] SEAL DIAMETER: $\phi .035$ [.89] MAX ALLOWED VOID SIZE
 $> .5$ [12.7] SEAL DIAMETER: $\phi .060$ [1.5] MAX ALLOWED VOID SIZE
 7. REF-OPERATING TEMPERATURE RANGE -200°C TO 125°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.

12	A/R	FOMBLIN YVAC 3	LUBRICANT O-RING FOMBLIN GREASE
11	1	-908 TEFLON	O-RING -908 TEFLON
10	3	E30 YELLOW	WIRE 30E MIL-W-16878/4 7/#38
9	3	E30 WHITE	WIRE 30E MIL-W-16878/4 7/#38
8	3	E30 VIOLET	WIRE 30E MIL-W-16878/4 7/#38
7	3	E30 RED	WIRE 30E MIL-W-16878/4 7/#38
6	3	E30 ORANGE	WIRE 30E MIL-W-16878/4 7/#38
5	3	E30 GREEN	WIRE 30E MIL-W-16878/4 7/#38
4	3	E30 BLUE	WIRE 30E MIL-W-16878/4 7/#38
3	3	E30 BLACK	WIRE 30E MIL-W-16878/4 7/#38
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	5968	HOUSING SO12L-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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

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DESCRIPTION
 SO12L-SS-150-24-TE30-60-90

PART NUMBER
5957

MATERIAL NOTED

REVISION LEVEL
 A

PROJECTION