



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 HOUSING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
5. 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
6. REF-OPERATING TEMPERATURE RANGE -34 °C TO 121 °C.
7. WIRE POSITIONING IS APPROXIMATE AND COLOR POSITIONS ARE VARIABLE.
8. ALL PARTS MUST PASS ALL TESTS.
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.

19	1	E28 BLUE	WIRE 28E MIL-W-16878/4 .010 7/#36
18	1	E28 VIOLET	WIRE 28E MIL-W-16878/4 .010 7/#36
17	1	E28 WHITE	WIRE 28E MIL-W-16878/4 .010 7/#36
16	1	E28 WHT/BLU	WIRE 28E MIL-W-16878/4 .010 7/#36
15	1	E28 WHT/GRN	WIRE 28E MIL-W-16878/4 .010 7/#36
14	1	E28 WHT/ORG	WIRE 28E MIL-W-16878/4 .010 7/#36
13	1	E28 YELLOW	WIRE 28E MIL-W-16878/4 .010 7/#36
12	1	E28 RED	WIRE 28E MIL-W-16878/4 .010 7/#36
11	1	E28 BLK/WHT	WIRE 28E MIL-W-16878/4 .010 7/#36
10	1	E28 RED/WHT	WIRE 28E MIL-W-16878/4 .010 7/#36
9	1	E28 ORANGE	WIRE 28E MIL-W-16878/4 .010 7/#36
8	1	E28 GREEN	WIRE 28E MIL-W-16878/4 .010 7/#36
7	1	E28 GRAY	WIRE 28E MIL-W-16878/4 .010 7/#36
6	1	E28 BROWN	WIRE 28E MIL-W-16878/4 .010 7/#36
5	1	E28 BLACK	WIRE 28E MIL-W-16878/4 .010 7/#36
4	A/R	PAVE-Seal 150	EPOXY BLACK
3	1	-908 BUNA	O-RING -908 BUNA 75
2	A/R	FOMBLIN YVAC 3	LUBRICANT O-RING FOMBLIN GREASE
1	1	2147	HOUSING SO12-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION
SO12-SS-150-15-TE28-12-12

PART NUMBER
3112

MATERIAL NOTED

REVISION LEVEL
C

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