



NOTES:

1. HE LEAK TEST @ 1ATM 1X10⁻⁵ CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. CLEARANCE BETWEEN VACUUM SURFACE & ADJACENT SURFACE SHALL BE NO LESS THAN 0.90 [22.9].
7. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN $\phi 0.035$ [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
8. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON VACUUM SIDE OF HOUSING.
9. REF-OPERATING TEMPERATURE -20°C TO 105°C.
10. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
11. 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.

14	A/R	FOMBLIN YVAC 3	LUBRICANT O-RING FOMBLIN GREASE
13	1	-016 VITON	O-RING -016 VITON 75
12	2	6712 YELLOW	WIRE 24MPPE UL11028 7#32
11	2	6712 WHITE	WIRE 24MPPE UL11028 7#32
10	2	6712 VIOLET	WIRE 24MPPE UL11028 7#32
9	2	6712 SLATE	WIRE 24MPPE UL11028 7#32
8	2	6712 GREEN	WIRE 24MPPE UL11028 7#32
7	2	6712 BLUE	WIRE 24MPPE UL11028 7#32
6	3	6712 ORANGE	WIRE 24MPPE UL11028 7#32
5	3	6712 RED	WIRE 24MPPE UL11028 7#32
4	3	6712 BROWN	WIRE 24MPPE UL11028 7#32
3	3	6712 BLACK	WIRE 24MPPE UL11028 7#32
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4603	HOUSING SP12-E
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

PAVE technology co.
 2751 Thunderhawk Court
 Dayton, OH 45414-3445
 U.S.A.
 tel (937) 890-1100
 fax (937) 8905165
 www.pavetechnologyco.com

DESCRIPTION
 SP12-E-150-24-MPPE24-72-18

PART NUMBER
4700

MATERIAL NOTED

REVISION LEVEL
 A

PROJECTION