



NOTES:

1. HE LEAK TEST @ 1 ATM. 1×10^{-7} 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 AND HOUSING.
3. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
7. MARK EACH WIRE UNIQUELY ON BOTH ENDS AS FOLLOWS:
ITEM 6 (D101, D102, D103), **ITEM 7** (D101, D102, D103), **ITEM 8** (D101, D102, D103), **ITEM 4** (D104, D105, D106, D107, D108, D109), **ITEM 5** (D104, D105, D106, D107, D108, D109), **ITEM 3** (D110), **ITEM 9** (D111, D112, D113), & **ITEM 10** (D114).
8. COSMETIC SURFACE VOIDS SMALLER THAN $\phi 0.035$ [0.89] ARE ACCEPTABLE.
9. REF-OPERATING TEMPERATURE -20°C TO 75°C .
10. DIMENSIONS ARE INCHES [millimeters].
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.

13	A/R	BRADY WIRE MARKERS	SEE NOTE 7
12	1	4381	NUT VS44-SS
11	1	-233 BUTYL	O-RING -233 BUTYL 70
10	1	BELDEN 9316	CABLE 1TP #16 PVC INSULATION FOIL SHIELD & #18 DRAIN PVC JACKET
9	3	M4724	CABLE 4/C #16 PVC INSULATION OVERALL FOIL SHIELD & #16 DRAIN PVC JACKET
8	3	THHN 12 WHITE	WIRE 12THHN WHITE
7	3	THHN 12 GREEN	WIRE 12THHN GREEN
6	3	THHN 12 BLACK	WIRE 12THHN BLACK
5	6	THHN 10 RED	WIRE 10THHN RED
4	6	THHN 10 BLACK	WIRE 10THHN BLACK
3	1	THHN 2 GREEN	WIRE 2THHN GREEN
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4878	HOUSING VS44-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

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

PAVE technology co.

DESCRIPTION
 VS44-SS-150-1/12/9/3/1-THHN2/10/12/M4724/TSP16-240-240

PART NUMBER	MATERIAL	NOTED
4863		
REVISION LEVEL	-	PROJECTION