




NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10<sup>-7</sup> 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 7** (D2101, D2102, D2103, D2104), **ITEM 8** (D2105, D2106, D2107, D2108), **ITEM 9** (D2109, D2110, D2111, D2112), **ITEM 4** (D2113, D2114), **ITEM 5** (D2115, D2116), **ITEM 6** (D2117, D2118), & **ITEM 3** (D2119).
8. COSMETIC SURFACE VOIDS SMALLER THAN Ø0.035 [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.

12	A/R	BRADY WIRE MARKERS	SEE NOTE 7
11	1	4381	NUT VS44-SS
10	1	-233 BUTYL	O-RING -233 BUTYL 70
9	4	THHN 12 WHITE	WIRE 12THHN WHITE
8	4	THHN 12 GREEN	WIRE 12THHN GREEN
7	4	THHN 12 BLACK	WIRE 12THHN BLACK
6	2	THHN 10 WHITE	WIRE 10THHN WHITE
5	2	THHN 10 GREEN	WIRE 10THHN GREEN
4	2	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


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

DESCRIPTION  
 VS44-SS-150-1/6/12-THHN2/10/12-300-240

PART NUMBER	MATERIAL	NOTED
<b>4859</b>		
REVISION LEVEL	-	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