



NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10⁻⁶ 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 TO SHIELDING 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. COSMETIC SURFACE VOIDS SMALLER THAN Ø0.035 [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
8. REF-OPERATING TEMPERATURE -60 °C TO 120 °C.
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.
11. CABLES ARE MARKED AS FOLLOWS ON BOTH ENDS: 1-33 FOR ITEM #3, 1-16 FOR ITEM #4, 1-3 FOR ITEM #5, 1-32 FOR ITEM #6 ETC

12	278	BRADY WIRE MARKERS	NUMBERED 1-36 SEE NOTE 11
11	1	4381	NUT VS44-SS
10	1	-233 BUTYL	O-RING -233 BUTYL 70
9	36	M27500-16TG2T14	CABLE 2/C #16 TSP TIN PLATED 600V ETFE INSULATION TEFZEL JACKET
8	14	M27500-20TG2T14	CABLE 2/C #20 TSP TIN PLATED 600V ETFE INSULATION TEFZEL JACKET
7	5	M27500-22TG4T14	CABLE 4/C #22 TIN PLATED 600V ETFE INSULATION SHIELDED CABLE TEFZEL JACKET
6	32	M27500-22TG3T14	CABLE 3/C #22 TIN PLATED 600V ETFE INSULATION SHIELDED CABLE TEFZEL JACKET
5	3	M27500-22TG2T14	CABLE 2/C #22 TSP TIN PLATED 600V ETFE INSULATION TEFZEL JACKET
4	16	KT24	CABLE T/C TYPE K 24AWG TEFLON
3	33	TT24	CABLE T/C TYPE T #24 TEFLON
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4379	HOUSING VS44L-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

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

DESCRIPTION
 VS44L-SS-150-49/90-TC/SHIELDED CABLES-180-420

PART NUMBER
4845

MATERIAL NOTED

REVISION LEVEL
 A

PROJECTION