



**NOTES:**

1. HE LEAK TEST @ 1 ATM.  $1 \times 10^{-6}$  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 AND HOUSING.
3. MINIMUM OF 196 GOOD WIRES REQUIRED (4 POSSIBLE SPARES).
4. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
8. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
 $\leq .5$  [12.7] SEAL DIAMETER:  $\phi .035$  [.89] MAX ALLOWED VOID SIZE  
 $> .5$  [12.7] SEAL DIAMETER:  $\phi .060$  [1.5] MAX ALLOWED VOID SIZE
9. REF-OPERATING TEMPERATURE RANGE  $-59^{\circ}\text{C}$  TO  $121^{\circ}\text{C}$ .
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.

14	1	4381	NUT VS44-SS
13	1	-233 BUTYL	O-RING -233 BUTYL 70
12	20	TZ20 YELLOW	WIRE 20 TEFZEL M22759/16 19/#32
11	20	TZ20 WHT M/16	WIRE 20 TEFZEL M22759/16 19/#32
10	20	TZ20 VIOLET	WIRE 20 TEFZEL M22759/16 19/#32
9	20	TZ20 RED M/16	WIRE 20 TEFZEL M22759/16 19/#32
8	20	TZ20 ORANGE	WIRE 20 TEFZEL M22759/16 19/#32
7	20	TZ20 GRN M/16	WIRE 20 TEFZEL M22759/16 19/#32
6	20	TZ20 GRAY	WIRE 20 TEFZEL M22759/16 19/#32
5	20	TZ20 BROWN	WIRE 20 TEFZEL M22759/16 19/#32
4	20	TZ20 BLUE	WIRE 20 TEFZEL M22759/16 19/#32
3	20	TZ20 BLK M/16	WIRE 20 TEFZEL M22759/16 19/#32
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4878	HOUSING VS44-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

**PAVE technology co.**

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DESCRIPTION  
VS44-SS-150-200-TZ20-30-24

PART NUMBER  
**5776**

MATERIAL NOTED

REVISION LEVEL  
A

PROJECTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.  
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE  $\pm 0.5$   
 X.X DECIMAL  $\pm 0.1$  X.XX DECIMAL  $\pm 0.02$  X.XXX DECIMAL  $\pm 0.005$   
 ANGLES  $\pm 1$  DEGREE. SURFACE FINISH 128 microinch RMS