



RECOMMEND RETAINING RING  
 TRUARC N5000-37 OR EQUAL  
 REPLACE O-RING IF REMOVED FROM PORT

NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10<sup>-6</sup> CC/SEC OR LESS.  
 A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE LEAK TEST.
2. HYPOT 630 VDC 500 MEGOHMS MIN 0.01 SECOND MIN WIRE TO WIRE.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
 <= .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
7. WIRE POSITIONING IS APPROXIMATE & COLOR POSITIONS ARE VARIABLE.
8. DIMENSIONS ARE INCHES [millimeters].
9. REF-OPERATING TEMPERATURE RANGE SEE TABLE.
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.

10	A/R	FOMBLIN YVAC 3	LUBRICANT O-RING FOMBLIN GREASE
9	1	-010 VITON LT	O-RING -010 VITON LOW-TEMP 75
8	1	TZ28 WHITE /32	WIRE 28 TEFZEL M22759/32 7/#36
7	1	TZ28 RED /32	WIRE 28 TEFZEL M22759/32 7/#36
6	1	TZ28 ORANGE /32	WIRE 28 TEFZEL M22759/32 7/#36
5	1	TZ28 GREEN /32	WIRE 28 TEFZEL M22759/32 7/#36
4	1	TZ28 BLUE /32	WIRE 28 TEFZEL M22759/32 7/#36
3	1	TZ28 BLACK /32	WIRE 28 TEFZEL M22759/32 7/#36
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0168	HOUSING SP6-E
ITEM	QTY	PART NUMBER	DESCRIPTION

**PAVE technology co.**  
 2751 Thunderhawk Court  
 Dayton, OH 45414-3445  
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DESCRIPTION  
 SP6-E-150-6-TZ28-500-500mm

PART NUMBER  
**5827**

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