



**NOTES:**

1. HE LEAK TEST @ 1 ATM.  $1 \times 10^{-7}$  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. COSMETIC SURFACE VOIDS SMALLER THAN  $\phi 0.035$  [0.89] ARE ACCEPTABLE.
8. REF-OPERATING TEMPERATURE  $-20^{\circ}\text{C}$  TO  $155^{\circ}\text{C}$ .
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. EACH WIRE IS HEAT STAMPED WITH A UNIQUE NUMBER ON BOTH SIDES OF SEAL.

8	1	1014	NUT VS18-SS
7	1	-219 VITON	O-RING -219 VITON 75
6	4	TZ16 ORG/43	WIRE TEFZEL #16 M22759/43-16-3
5	5	TZ16 WHITE/43	WIRE TEFZEL #16 M22759/43-16-9
4	5	TZ16 RED/43	WIRE TEFZEL #16 M22759/43-16-2
3	5	TZ16 BLACK	WIRE TEFZEL #16 M22759/43-16-0
2	A/R	PAVE-Seal 200	EPOXY BLACK HIGH TEMP
1	1	4788	HOUSING VS18RH-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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

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DESCRIPTION  
 VS18RH-SS-200-19-TZ16-12-12

PART NUMBER  
**4849**

MATERIAL NOTED

REVISION LEVEL -

PROJECTION