



NOTES:

1. HE LEAK TEST @ 1 ATM.  $1 \times 10^{-6}$  CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. 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
6. DIMENSIONS ARE INCHES [millimeters].
7. WIRE POSITIONING IS APPROXIMATE & POSITIONS ARE VARIABLE.
8. REF-OPERATING TEMPERATURE RANGE  $-40^{\circ}\text{C}$  TO  $125^{\circ}\text{C}$ .
9. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
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.

6	1	-215 VITON LT	O-RING -215 VITON LOW-TEMP 75
5	A/R	PAVE-Seal 150	EPOXY BLACK
4	1	0183	NUT VS15-SS
3	4	KT20	CABLE T/C TYPE K 20AWG TEFLON
2	4	RT20	CABLE T/C TYPE RS 20AWG TEFLON
1	1	0161	HOUSING VS15L-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

**PAVE technology co.**

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DESCRIPTION  
VS15L-SS-150-4P/4P-KT20/RT20-12-48

PART NUMBER  
**3513**

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