



**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 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, WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
7. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
 <= .5 [12.7] SEAL DIAMETER: Ø .035 [.89] MAX ALLOWED VOID SIZE  
 > .5 [12.7] SEAL DIAMETER: Ø .060 [1.5] MAX ALLOWED VOID SIZE
8. DIMENSIONS ARE INCHES [millimeters].
9. REF-OPERATING TEMPERATURE -20°C TO 125°C.
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.

9	1	1129	NUT VS15-AL
8	1	-215 VITON	O-RING -215 VITON 75
7	2	E26 WHITE	WIRE 26E MIL-W-16878/4 7/#34
6	2	E26 RED	WIRE 26E MIL-W-16878/4 7/#34
5	2	E26 GREEN	WIRE 26E MIL-W-16878/4 7/#34
4	2	E26 BLACK 7STRD	WIRE 26E MIL-W-16878/4 7/#34
3	16	KT24	CABLE T/C TYPE K 24AWG TEFLON
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	1128	HOUSING VS15L-AL
ITEM	QTY	PART NUMBER	DESCRIPTION

**PAVE technology co.**  
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DESCRIPTION  
 VS15L-AL-150-16P/8-KT24/TE26-13-17

PART NUMBER  
**5552**

MATERIAL NOTED

REVISION LEVEL  
 A

PROJECTION

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