



NOTES:

1. HE LEAK TEST @1 ATM. 1×10^{-6} CC/S OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HIPOT 630 VDC 500 MΩ .01 SEC MINIMUM, WIRE TO WIRE & HOUSING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. DIMENSIONS ARE INCHES [millimeters].
7. 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
8. REF-OPERATING TEMPERATURE RANGE SEE TABLE.
9. 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. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.

WIRE LENGTH TABLE

PART#	X	Y	(Z)	ITEM 2	TEMPERATURE	PAVE DESCRIPTION
1601	48 [1219]	48 [1219]	(98) [2489]	PAVE-Seal 150	-20°C TO 125°C	VS15L-SS-150-9P-KT20-48-48
1601-1	96 [2438]	96 [2438]	(194) [4928]	PAVE-Seal 150	-20°C TO 125°C	VS15L-SS-150-9P-KT20-96-96
1601-2	72 [1829]	12 [305]	(86) [2184]	PAVE-Seal 200	-20°C TO 150°C	VS15L-SS-200-9P-KT20-72-12
1601-3	72 [1829]	72 [1829]	(146) [3708]	PAVE-Seal 150	-20°C TO 125°C	VS15L-SS-150-9P-KT20-72-72

5	1	0183	NUT VS15-SS
4	1	-215 VITON	O-RING -215 VITON 75
3	9	KT20	CABLE T/C TYPE K 20AWG TEFLON
2	A/R	SEE TABLE	EPOXY BLACK
1	1	0161	HOUSING VS15L-SS
ITEM	QTY	PART#	DESCRIPTION

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

2751 Thunderhawk Court
 Dayton, Ohio 45414-3445
 U.S.A.
 (937)890-1100
 fax (937)890-5165
 www.pavetechnologyco.com

PAVE technology co.

DESCRIPTION PAVE-Seal® Cable Harnesses
SEE TABLE

PART NUMBER *SEE TABLE
1601*

REVISION LEVEL H
 PROJECTION