



NOTES:

1. HE LEAK TEST @ 1ATM. 1×10^{-8} CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
3. ALL PARTS MUST PASS ALL TESTS.
4. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
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. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C .
7. DIMENSIONS ARE INCHES [millimeters].
8. 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. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
10. FREQUENCY RESPONSE-
 RETURN LOSS: >16 dB TO 40 GHz, INSERTION LOSS (TO ABOVE FREQUENCY LIMIT): <1.7 dB/ft @18 GHz, <2.1 dB/ft @27 GHz, <2.6 dB/ft @40 GHz (TYPICAL), $+0.3$ dB PER CONNECTOR.

ITEM	QTY	PART NUMBER	DESCRIPTION
5	1	0183	NUT VS15-SS
4	1	-215 VITON	O-RING -215 VITON 75
3	2	K047FF-24RD	CABLE COAX 2.92 FEMALE TO 2.92 FEMALE .047 TIN-PLATED COPPER SEMI-RIGID 40 GHz
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0161	HOUSING VS15L-SS

PAVE technology co.

2751 Thunderhawk Court
Dayton, OH 45414-3445
U.S.A.
tel (937) 890-1100
fax (937) 8905165
www.pavetechnologyco.com

DESCRIPTION
VS15L-SS-150-2-2.92-2.92 40GHz

PART NUMBER
5240

MATERIAL NOTED

REVISION LEVEL -

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