



NOTES:

1. LEAK TESTING, A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST:
 5204 ONLY: LEAK TEST 80 PSI, NO BUBBLES 30 SECONDS MINIMUM.
 5204-NW40 ONLY: HE LEAK TEST @ 1 ATM. 1×10^{-6} CC/SEC OR LESS.
 ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
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. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. 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
7. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C .
8. DIMENSIONS ARE INCHES [millimeters].
9. 5204-NW40 ONLY SHIPS INSTALLED AND LEAK TESTED, PER NOTE 1, IN ITEM 18 (NW40 ADAPTER) AND DOES NOT INCLUDE ITEM 17 (JAM NUT).
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.

18	SEE NOTE 9 1	5119	HOUSING NW40-SS VS15 ADAPTER
17	SEE NOTE 9 1	0183	NUT VS15-SS
16	1	-215 VITON	O-RING -215 VITON 75
15	A/R	SAC305	SOLDER SAC305 FAST CORE
14	1	TZ20 YELLOW	WIRE 20 TEFZEL M22759/16 19/#32
13	1	TZ20 WHT M/16	WIRE 20 TEFZEL M22759/16 19/#32
12	1	TZ20 ORANGE	WIRE 20 TEFZEL M22759/16 19/#32
11	1	TZ20 GRN M/16	WIRE 20 TEFZEL M22759/16 19/#32
10	1	TZ16 RD	WIRE 16 TEFZEL MIL-W-22759/16 19/#29
9	1	TZ16 BK	WIRE 16 TEFZEL MIL-W-22759/16 19/#29
8	1	TZ20 YEL 105STR	WIRE 20 TEFZEL 105 STRAND
7	1	TZ20 WHT 105STR	WIRE 20 TEFZEL 105 STRAND
6	1	TZ20 ORG 105STR	WIRE 20 TEFZEL 105 STRAND
5	1	TZ20 GRN 105STR	WIRE 20 TEFZEL 105 STRAND
4	1	TZ16 RED 65STR	WIRE 16 TEFZEL 65 STRAND
3	1	TZ16 BLK 65STR	WIRE 16 TEFZEL 65 STRAND
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	5082	HOUSING VS15L-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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-150-2/4-TZ16/20-28-2

PART NUMBER *SEE NOTES 1 & 9
5204*

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