



**NOTES:**

1. LEAK TESTING, A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST:  
5202 ONLY: LEAK TEST 80 PSI, NO BUBBLES 30 SECONDS MINIMUM.  
5202-NW40 ONLY: HE LEAK TEST @ 1 ATM. 1X10<sup>-6</sup> 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:  
<= .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
7. REF-OPERATING TEMPERATURE RANGE -20 °C TO 200 °C.
8. DIMENSIONS ARE INCHES [millimeters].
9. 5202-NW40 ONLY SHIPS INSTALLED AND LEAK TESTED, PER NOTE 1, IN ITEM 9 (NW40 ADAPTER) AND DOES NOT INCLUDE ITEM 8 (JAM NUT).
10. IT IS ACCEPTABLE FOR RETAINED SLUGS TO BE LOST DURING HANDLING.
11. 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	SEE NOTE 9 1	5119	HOUSING NW40-SS VS15 ADAPTER
8	SEE NOTE 9 1	0183	NUT VS15-SS
7	1	-215 VITON	O-RING -215 VITON 75
6	1	TZ14 WHT/ORG/34	WIRE 14TZ MIL-W-22759/34-14-93
5	1	TZ14 WHT/BRN/34	WIRE 14TZ MIL-W-22759/34-14-91
4	1	TZ14 RED /34	WIRE 14TZ MIL-W-22759/34-14-2
3	1	TZ14 BLK /34	WIRE 14TZ MIL-W-22759/34-14-0
2	A/R	PAVE-Seal 200	EPOXY BLACK HIGH TEMP
1	1	5082	HOUSING VS15L-SS
<b>ITEM</b>	<b>QTY</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>

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DESCRIPTION  
VS15L-SS-200-4-TZ14-7-5

PART NUMBER \*SEE NOTES 1 & 9  
**5202\***

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