



- NOTES:
- LEAK TESTING, A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST:
 5202 ONLY: LEAK TEST 80 PSI, NO BUBBLES 30 SECONDS MINIMUM.
 5202-1 ONLY: LEAK TEST 1015 PSI, NO N2 BUBBLES 10 SECONDS MINIMUM.
 5202-2 ONLY: LEAK TEST 2175 PSI, NO N2 BUBBLES 10 SECONDS MINIMUM.
 5202-NW40 ONLY: HE LEAK TEST @ 1 ATM. 1X10⁻⁶ CC/SEC OR LESS.
 ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
 - HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
 - ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 - ALL PARTS MUST PASS ALL TESTS.
 - WIRE POSITIONING IS APPROXIMATE & VARIABLE.
 - 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
 - REF-OPERATING TEMPERATURE RANGE -20°C TO 200°C.
 - DIMENSIONS ARE INCHES [millimeters].
 - 5202-NW40 ONLY SHIPS INSTALLED AND LEAK TESTED, PER NOTE 1, IN ITEM 9 (NW40 ADAPTER) AND DOES NOT INCLUDE ITEM 8 (JAM NUT).
 - IT IS ACCEPTABLE FOR RETAINED SLUGS TO BE LOST DURING HANDLING.
 - 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.

ITEM	QTY	PART NUMBER	DESCRIPTION
9	1	5119	HOUSING NW40-SS VS15 ADAPTER
8	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

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

PART NUMBER *SEE NOTES 1 & 9
5202*

MATERIAL NOTED
 REVISION LEVEL B

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