



NOTES:

1. LEAK TEST: N2 @ 80 PSI, NO BUBBLES 4 MINUTES MINIMUM. TEST TO BE PERFORMED WITH PRESSURE ON THE THREAD SIDE OF HOUSING, PART TO BE USED WITH PRESSURE ON THE HEX SIDE OF HOUSING. A GREEN PAINT DOT ON THE PRESSURE SIDE INDICATES THE PART HAS PASSED THE TEST.
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. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
7. MARK EACH WIRE WITH A UNIQUE NUMBER, 1 THROUGH 10, USING THE SAME NUMBER ON BOTH ENDS OF THE SAME WIRE.
8. REF-OPERATING TEMPERATURE RANGE -20 °C TO 125 °C.
9. DIMENSIONS ARE INCHES [millimeters].
10. TZ14 WIRE COLOR IS VARIABLE.
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.

ITEM	QTY	PART NUMBER	DESCRIPTION
6	20	BRADY WIRE MARKERS	WIRE MARKER BRADY (NUMBERED 1-10)
5	1	0199	NUT VS22-SS
4	1	-224 VITON	O-RING -224 VITON 75
3	10	TZ14 ANY COLOR	WIRE 14TZ (ANY COLOR)
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0189/304SS	HOUSING VS22-SS

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DESCRIPTION
VS22-304SS-150-10-TZ14-72-24

PART NUMBER
3707

MATERIAL NOTED

REVISION LEVEL
F

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