



NOTES:

1. 1805: LEAK TEST: 80 PSI, NO BUBBLES 2 MINUTES MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. 1805-1: HE LEAK TEST @ 1 ATM. 1X10<sup>-6</sup> CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
3. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
4. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
8. COSMETIC SURFACE VOIDS SMALLER THAN  $\phi 0.035$  [0.89] ARE ACCEPTABLE.
9. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
10. REF-OPERATING TEMPERATURE -20°C TO 125°C.
11. DIMENSIONS ARE INCHES [millimeters].
12. 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.
13. 1805-1 DOES NOT INCLUDE ITEM #6.
14. 1805-1 WIRES ON VACUUM SIDE TWISTED WITH APPROXIMATELY 1/2 TWIST PER INCH.
15. PART IS RoHS COMPLIANT.

PART #	"Y"	DESCRIPTION
1805	15.7 [400]	VS8-SS-150-2-TEE18-30-40CM
1805-1	43.3 [1100]	VS8-SS-150-2-TEE18-30-110CM

ITEM	QTY	PART NUMBER	DESCRIPTION
6	1	0894	NUT VS8-SS
5	1	-112 VITON	O-RING -112 VITON 75
4	1	EE18 MIL RED	WIRE 18EE MIL-W-16878/5 .015 7/#26
3	1	EE18 MIL BLK	WIRE 18EE MIL-W-16878/5 .015 7/#26
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0892	HOUSING VS8-SS

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DESCRIPTION: VS8-SS-150-2-TEE18-30-\*CM SEE TABLE

PART NUMBER: 1805 SEE TABLE MATERIAL: NOTED

REVISION LEVEL: A 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