



NOTES:

1. HE LEAK TEST @ 115 PSI, 1X10⁻⁶ CC/SEC OR LESS. A GREEN PAINT DOT ON THE PRESSURE SIDE INDICATES PART HAS PASSED THE TEST.
2. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
3. HYPOT 500 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE, SHIELDS & HOUSING WITH MATING CONNECTORS.
4. CONTINUITY TEST WITH MATING CONNECTORS END TO END: SHIELDING AND CENTER CONDUCTORS PER TABLE.
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 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
9. REF-OPERATING TEMPERATURE RANGE -20 °C TO 125 °C.
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.
11. DIMENSIONS ARE INCHES [millimeters].

PAVE#	PAVE DESCRIPTION	X	ITEM 4 QTY	SHIELD	CONDUCTOR
4517	VS22-304SS-150-12-J3-4T-300	300 MIN [7620] MIN	12	<1.0 OHM	<7.0 OHMS
4517-1	VS22-304SS-150-12-J3-4T-12T	12±.5 [305±13]	24	<0.1 OHM	<0.5 OHM

ITEM	QTY	PART NUMBER	DESCRIPTION
6	1	0199	NUT VS22-SS
5	1	-224 VITON	O-RING -224 VITON 75
4	SEE TABLE	112631	CONNECTOR BNC IN-LINE JACK FOR RG-178/196 Ni PLATED BODY Au PLATED SOC AMPHENOL OR EQUAL
3	12	J3 COAXIAL	CABLE COAXIAL HIGH TEMP RED TEFLON
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0189/304SS	HOUSING VS22-SS

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DESCRIPTION
SEE TABLE

PART NUMBER *SEE TABLE MATERIAL NOTED

4517*

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