



NOTES:

1. HE LEAK TEST @ 1 ATM. 1×10^{-8} CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE TO SHIELD AND HOUSING WITH MATING CONNECTORS.
3. CONTINUITY TEST WITH MATING CONNECTORS:
SHIELDING <1.0 OHM END TO END
CENTER CONDUCTORS <2.1 OHMS END TO END
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. MINIMUM QUANTITY 32 GOOD TERMINATED CABLES (ITEMS 3 & 4).
8. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
9. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 $\leq .5$ [12.7] SEAL DIAMETER: $\phi .035$ [.89] MAX ALLOWED VOID SIZE
 $> .5$ [12.7] SEAL DIAMETER: $\phi .060$ [1.5] MAX ALLOWED VOID SIZE
 REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
10. DIMENSIONS ARE INCHES [millimeters].
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	1	0185	NUT VS26-SS
5	1	-226 VITON	O-RING -226 VITON 75
4	68*	413985-6 *SEE NOTE 7	PLUG SMB 50 OHM CRIMP NICKEL PLATED BRASS BODY GOLD PLATED COPPER CONTACTS
3	34*	RG178 *SEE NOTE 7	WIRE COAX M17/93 FEP/TFE 7#38 SPCS
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	1531	HOUSING VS26-SS

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DESCRIPTION
VS26-SS-150-32-RG178-42T-42T SMB

PART NUMBER
5219

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