



**NOTES:**

1. HE LEAK TEST @ 1ATM  $10 \times 10^{-7}$  CC/S OR LESS.
2. HYPOT 1000 VDC 100 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE, SHIELD AND HOUSING. HIGH VOLTAGE TEST 18,000 VDC,  $100 \mu A$  MAXIMUM LEAKAGE ITEM# 3 TO ALL OTHER CONDUCTORS.
3. CONTINUITY TEST SHIELDS END TO END .5 Ohm MAXIMUM.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. VOIDS SMALLER THAN  $\phi .035$  [.89] ARE ACCEPTABLE.
7. DIMENSIONS ARE INCHES [millimeters].
8. REF-OPERATING TEMPERATURE  $-20^{\circ} C$  TO  $125^{\circ} C$ .

6	1	1014	NUT VS18-SS
5	1	-219 VITON	O-RING -219 VITON 75
4	5	RG316 M17/113	CABLE COAX BELDEN 84316 OR EQUAL
3	1	167-2896	CABLE COAX #26FEP HIGH VOLTAGE
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0660	HOUSING VS18-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION VS18-SS-150-5/1-RG316/REYNOLDS HV-36-36	
PART NUMBER <b>3509</b>	MATERIAL NOTED REVISION LEVEL -
PROJECTION	

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.  
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE  $\pm 0.5$   
 X.X DECIMAL  $\pm 0.1$  X.XX DECIMAL  $\pm 0.02$  X.XXX DECIMAL  $\pm 0.005$   
 ANGLES  $\pm 1$  DEGREE SURFACE FINISH 128 microinch RMS