



NOTES:

1. LEAK TESTING, A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST: HE LEAK TEST @ 1 ATM. 1×10^{-6} CC/SEC OR LESS.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM CONDUCTOR TO SMA SHELL TO HOUSING WITH MATING CONNECTORS. HOUSING IS ISOLATED FROM SMA SHELL.
3. REF-FOR USE AT FREQUENCIES LESS THAN 1GHz.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. 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
7. DIMENSIONS ARE INCHES [millimeters].
8. REF-OPERATING TEMPERATURE RANGE -20 TO 125 °C.
9. 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.
10. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.

ITEM	QTY	PART NUMBER	DESCRIPTION
5	1	0894	NUT VS8-SS
4	1	-112 VITON	O-RING -112 VITON 75
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	2	AMPH #901-9215	RCPT SMA AMPHENOL OR EQUAL
1	1	5059	HOUSING VS8L-SS

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DESCRIPTION
VS8L-SS-150-1-SMA-SMA

PART NUMBER
5774

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