



NOTES:

1. LEAK TEST: PRESSURE PER TABLE FROM NOTED DIRECTION, NO N2 BUBBLES 10 SECONDS MINIMUM. A GREEN PAINT DOT ON THE HOUSING HEX INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO HOUSING WITH MATING CONNECTOR.
3. CONTINUITY TEST <0.1 OHM PIN TO BARE COPPER WIRE END.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
7. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
 <= .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
8. REF-OPERATING TEMPERATURE RANGE SEE TABLE.
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. DIMENSIONS ARE INCHES [millimeters].
11. NOTED CONNECTION DESIGNED TO FUNCTION AS A RP-SMA JACK CONNECTOR.

PAVE#	PRESSURE	ITEM 3	ITEM 3 DESCRIPTION	TEMPERATURE
4546	1000 PSI	-011 VITON	O-RING -011 VITON 75	-20°C TO 125°C
4546-1	2500 PSI	-011 V0835-75	O-RING 2-011 V835-75 VITON LOW TEMP	-40°C TO 125°C

5	1	BARE COPPER #22	WIRE 22 BARE COPPER SOLID
4	1	443246-2	SMA PIN CONTACT GOLD PLATED BRASS
3	1	SEE TABLE	SEE TABLE
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4584	HOUSING VS4N-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION  
VS4N-SS-150-1-22-RPSMA-2

PART NUMBER \*SEE TABLE MATERIAL NOTED

**4546\***

REVISION LEVEL C 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