



NOTES:

- 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.
- HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN AND HOUSING WITH MATING CONNECTOR.
- CONTINUITY TEST: <0.5 OHM PIN TO SOLDER CUP.
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- SOLDER CUP POSITIONING IS APPROXIMATE & VARIABLE.
- COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 - $\leq .5$ [12.7] SEAL DIAMETER: $\phi .035$ [1.27] MAX ALLOWED VOID SIZE
 - $> .5$ [12.7] SEAL DIAMETER: $\phi .060$ [1.52] MAX ALLOWED VOID SIZE
- REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
- DIMENSIONS ARE INCHES [millimeters].
- 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
9	1	M85049/52-1-16N	STRAIN RELIEF CLAMP SHELL SIZE 16, STRAIGHT, NON SELF-LOCKING, NICKEL PLATED ALUMINUM
8	1	MS3476L16-26S	PLUG 26#20 GOLD PLATED COPPER ALLOY CRIMP SOCKETS, RIGID DIELECTRIC INSERT, SILICONE GROMMET, NICKEL PLATED ALUMINUM SHELL
7	1	1014	NUT VS18-SS
6	1	-219 VITON	O-RING -219 VITON 75
5	26	AMP #66569	CONTACT SOLDER CUP #20 Sn/Ni PLATED BRONZE
4	4	1608-25	SCREW 4-40 X .25 BH SOC SS
3	1	SC3112E16-26P	RCPT 26#20 GOLD PLATED COPPER ALLOY PINS, NEOPRENE INSERT, NICKEL PLATED ALUMINUM SHELL
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	3389	HOUSING VS18-SS

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DESCRIPTION
VS18-SS-150-26-20-3112P-SC

PART NUMBER
5048

MATERIAL NOTED

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