



NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10⁻⁷ CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING WITH MATING CONNECTOR.
3. CONTINUITY TEST < 0.5 Ohm PIN TO WIRE END WITH MATING CONNECTOR.
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. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
8. COSMETIC SURFACE VOIDS SMALLER THAN $\phi 0.035$ [0.89] ARE ACCEPTABLE.
9. REF-OPERATING TEMPERATURE RANGE -20 °C TO 125 °C.
10. ITEM 7 (PLUG & STRAIN RELIEF) IS INCLUDED BUT NOT SHOWN.
11. DIMENSIONS ARE INCHES [millimeters].
12. 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
7	1	SCP06PM28-21P ^{*SEE NOTE 10}	PLUG 37# 16 PIN ELECTROLESS NICKEL PLATED W/STRAIN RELIEF SOLDER CUP
6	1	0102	NUT VS32-SS
5	1	-231 VITON	O-RING -231 VITON 75
4	37	EE16 GRAY	WIRE 16EE MIL-W-16878/5 .015 19/#29
3	1	SCP02PM28-21S	RCPT 37# 16 SOC ELECTROLESS NICKEL PLATED BLUE INSERT ONLY
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0101	HOUSING VS32-SS

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DESCRIPTION
VS32-SS-150-37-TEE16-36-3102S

PART NUMBER
5032

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