



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 PIN TO PIN AND HOUSING WITH MATING CONNECTORS.
3. CONTINUITY TEST < 0.5 Ohm PIN TO SOCKET WITH MATING CONNECTORS.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
7. ADDING "NP" TO THE PAVE PART NUMBER AND ORDER CODE INDICATES THAT ITEMS 7, 8, & 9 ARE NOT INCLUDED (NO PLUGS).
8. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
9. REF-OPERATING TEMPERATURE RANGE -20 °C TO 125 °C.
10. DIMENSIONS ARE INCHES [millimeters].
11. 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	2	MS3057-16AN	SEE NOTE 7 STRAIN RELIEF 5015 SHELL SIZE 24/28 NICKEL PLATED ALUMINUM
8	1	3106A28-15S	SEE NOTE 7 PLUG 35#16 SOC NICKEL PLATED ALUMINUM SHELL SILVER PLATED SOLDER CUP CONTACTS
7	1	3106A28-15P	SEE NOTE 7 PLUG 35#16 PIN NICKEL PLATED ALUMINUM SHELL SILVER PLATED SOLDER CUP CONTACTS
6	1	0102	NUT VS32-SS
5	1	-231 VITON	O-RING -231 VITON 75
4	1	SC3102A28-15P	RCPT 35#16 PIN NICKEL PLATED ALUMINUM SHELL SILVER PLATED CONTACTS
3	1	SC3102A28-15S	RCPT 35#16 SOC NICKEL PLATED ALUMINUM SHELL SILVER PLATED CONTACTS
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	3368	HOUSING VS32-SS

PAVE technology co.

2751 Thunderhawk Court
Dayton, OH 45414-3445
U.S.A.
tel (937) 890-1100
fax (937) 8905165
www.pavetechnologyco.com

DESCRIPTION
VS32-SS-150-35-16-3102SP

PART NUMBER
5137

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