



NOTES:

1. LEAK TEST: 300 PSI, NO BUBBLES 1 MINUTE MINIMUM. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART 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: < 2 milliohms WIRE ENDS TO MATING CONNECTOR.
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: Ø .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: Ø .060 [1.5] MAX ALLOWED VOID SIZE
8. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
9. ITEMS 8 & 9 (PLUG & STRAIN RELIEF) ARE INCLUDED BUT NOT SHOWN.
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.

9	1	MS3057-20AN	STRAIN RELIEF 5015 SHELL SIZE 32 NICKEL PLATED ALUMINUM STRAIGHT W/CLAMP
8	1	3106A32-5S	PLUG 2#0 SOCKET NICKEL PLATED ALUMINUM SHELL SILVER PLATED SOLDER CUP CONTACTS
7	1	0102	NUT VS32-SS
6	1	-231 VITON	O-RING -231 VITON 75
5	2	M23053/12-220-C	TUBING SHRINK 4AWG PTFE CLEAR M23053/12-220-C OR COTS EQUAL
4	2	NER79530T	WIRE 2AWG 655 STRAND 7X95/#30 TINNED COPPER ROPE LAY UNINSULATED
3	1	3102A32-5P	RCPT 2#0 PIN NICKEL PLATED ALUMINUM SHELL SILVER PLATED CONTACTS
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0101	HOUSING VS32-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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-150-2-TE2-3102P-40

PART NUMBER
5734

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