



NOTES:

1. LEAK TEST: 2000 PSI, NO N2 BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE TO SHIELDS AND HOUSING.
3. CONTINUITY TEST ITEMS 9 AND 10 SHIELDS <0.5 OHM END TO END.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & VARIABLE, WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
7. 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
8. DIMENSIONS ARE INCHES [millimeters].
9. REF-OPERATING TEMPERATURE RANGE -20 °C TO 80 °C.
10. 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.

12	1	1129	NUT VS15-AL
11	1	-215 VITON	O-RING -215 VITON 75
10	1	BEL #83318E	CABLE 2/C #24 MIL-W-16878/4 19/#36 SPC, SPC BRAID, WHITE TFE JACKET
9	2	K2252D	CABLE COAX 7/#34 SPCCS PTFE INSULATION SPC DOUBLE BRAID FEP JACKET
8	1	PC22 A1855 GRN	WIRE 22PVC MIL-W-16878E TYPE B 19/34 ALPHA 1855/19
7	1	PC22 A1855 GRAY	WIRE 22PVC MIL-W-16878E TYPE B 19/34 ALPHA 1855/19
6	1	PC22 A1855 WHT	WIRE 22PVC MIL-W-16878E TYPE B 19/34 ALPHA 1855/19
5	1	PC22 A1855 RED	WIRE 22PVC MIL-W-16878E TYPE B 19/34 ALPHA 1855/19
4	1	PC22 A1855 BLUE	WIRE 22PVC MIL-W-16878E TYPE B 19/34 ALPHA 1855/19
3	1	PC22 A1855 BLK	WIRE 22PVC MIL-W-16878E TYPE B 19/34 ALPHA 1855/19
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	1898	HOUSING VS15-AL
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
 VS15-AL-150-6/2/1-PC22/K2252D/83318E-36-72

PART NUMBER
5614

MATERIAL NOTED

REVISION LEVEL
 A

PROJECTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE \pm 0.5
 X.X DECIMAL \pm 0.1 X.XX DECIMAL \pm 0.02 X.XXX DECIMAL \pm 0.005
 ANGLES \pm 1 DEGREE SURFACE FINISH 128 microinch RMS