



NOTES:

1. LEAK TEST: 1500 PSI, NO N2 BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT ON THE PRESSURE SIDE INDICATES THE PART HAS PASSED THE TEST.
REF-QUALIFICATION LEAK TESTING: (a.) PRESSURE CYCLE 1000 PSI, HOLD FOR 5 MINUTES WITH NO N2 BUBBLES, CYCLE 3 TIMES. (b.) 1500 PSI, NO N2 BUBBLES 1 HOUR MINIMUM.
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 SOCKET TO WIRE END WITH MATING CONNECTOR.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & COLOR POSITIONS VARIABLE.
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. REF-OPERATING TEMPERATURE RANGE -20 °C TO 125 °C.
9. ITEMS 18 & 19 (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.

19	1	MS3057-24AN	SEE NOTE 9	STRAIN RELIEF 5015 SHELL SIZE 36 NICKEL PLATED ALUMINUM STRAIGHT W/CLAMP
18	1	PV3106A36-10P	SEE NOTE 9	PLUG 48#16 PIN NICKEL PLATED ALUMINUM SHELL, BLUE DIALYL PHTHALATE INSERT, SILVER PLATED SOLDER CUP CONTACTS
17	1	0102		NUT VS32-SS
16	1	-231 VITON		O-RING -231 VITON 75
15	4	EE16 YELLOW		WIRE 16EE MIL-W-16878/5 .015 19/#29
14	4	EE16 WHT/BLK		WIRE 16EE MIL-W-16878/5 .015 19/#29
13	4	EE16 VIOLET		WIRE 16EE MIL-W-16878/5 .015 19/#29
12	4	EE16 RED/BLK		WIRE 16EE MIL-W-16878/5 .015 19/#29
11	4	EE16 RED		WIRE 16EE MIL-W-16878/5 .015 19/#29
10	4	EE16 ORANGE		WIRE 16EE MIL-W-16878/5 .015 19/#29
9	4	EE16 GREEN/YEL		WIRE 16EE MIL-W-16878/5 .015 19/#29
8	4	EE16 GREEN		WIRE 16EE MIL-W-16878/5 .015 19/#29
7	4	EE16 GRAY		WIRE 16EE MIL-W-16878/5 .015 19/#29
6	4	EE16 BROWN		WIRE 16EE MIL-W-16878/5 .015 19/#29
5	4	EE16 BLUE		WIRE 16EE MIL-W-16878/5 .015 19/#29
4	4	EE16 BLACK		WIRE 16EE MIL-W-16878/5 .015 19/#29
3	1	PV3102A36-10S		RCPT 48#16 SOC NICKEL PLATED ALUMINUM SHELL, BLUE DIALYL PHTHALATE INSERT 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-150-48-TEE16-3102S-24

PART NUMBER
5663

MATERIAL NOTED

REVISION LEVEL
 A

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