



NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10⁻⁷ CC/SEC OR LESS. 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 PIN TO PIN AND HOUSING WITH MATING CONNECTOR.
3. CONTINUITY TEST <0.5 OHM MATING CONNECTOR TO WIRE ENDS.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & COLOR POSITIONS ARE 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. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
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.

18	1	M85049/38-19N	STRAIN RELIEF 38999 SHELL 19 NICKEL PLATED ALUMINUM
17	1	26FF35SN	PLUG 66#22D SOCKET NICKEL PLATED ALUMINUM SHELL GOLD PLATED COPPER ALLOY CRIMP CONTACTS
16	1	0199	NUT VS22-SS (316SS)
15	1	-224 VITON	O-RING -224 VITON 75
14	6	E22 WHT/GRN	WIRE 22E MIL-W-16878/4 .010 7/#30
13	6	E22 WHT	WIRE 22E MIL-W-16878/4 .010 7/#30
12	6	E22 VIOLET	WIRE 22E MIL-W-16878/4 .010 7/#30
11	6	E22 RED	WIRE 22E MIL-W-16878/4 .010 7/#30
10	6	E22 GREEN	WIRE 22E MIL-W-16878/4 .010 7/#30
9	6	E22 GRAY	WIRE 22E MIL-W-16878/4 .010 7/#30
8	6	E22 BROWN	WIRE 22E MIL-W-16878/4 .010 7/#30
7	6	E22 BLUE 7 STR	WIRE 22E MIL-W-16878/4 .010 7/#30
6	6	E22 BLK/WHITE	WIRE 22E MIL-W-16878/4 .010 7/#30
5	6	E22 BLK/ORN	WIRE 22E MIL-W-16878/4 .010 7/#30
4	6	E22 BLK	WIRE 22E MIL-W-16878/4 .010 7/#30
3	1	20FF35PN	RCPT 66#22D PIN NICKEL PLATED ALUMINUM SHELL GOLD PLATED COPPER ALLOY CONTACTS
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0189/304SS	HOUSING VS22-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
 VS22-SS-150-66-TE22-180-99920P

PART NUMBER
5759

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