



NOTES:

1. LEAK TEST: 80 PSI, NO BUBBLES 2 MINUTES 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 PIN TO PIN AND HOUSING WITH MATING PLUG.
3. CONTINUITY TEST: <0.5 OHM PIN TO SOCKET.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. 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.
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. DIMENSIONS ARE INCHES [millimeters].
10. 0949 ONLY: DOES NOT INCLUDE ITEMS 5, 6, OR 7 (NO PLUG).
 0949-1 ONLY: INCLUDES BOTH ITEMS 5 (MATING PLUG) AND 6 (STRAIN RELIEF).
 0949-2 ONLY: INCLUDES ITEM 7 (RIGHT ANGLE MATING PLUG WITH STRAIN RELIEF INCLUDED).

*SEE NOTE 10

ITEM	QTY	PART NUMBER	DESCRIPTION
7	1*	SCPT08F10-6S	PLUG 6#20 SOCKET RIGHT ANGLE OLIVE DRAB W/ SR
6	1*	M85049/52-1-10N	STRAIN RELIEF
5	1*	MS3476L10-6S	PLUG 6#20 SOCKET CRIMP SERIES II
4	6	AMP #204351-1	CONTACT #22 SOCKET
3	1	SC3112E10-6P	RCPT 6#20 GOLD PLATED COPPER ALLOY PINS, NEOPRENE INSERT, NICKEL PLATED ALUMINUM SHELL
2	1	PAVE-Seal 150	EPOXY BLACK
1	1	3742	HOUSING PT4L-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
 PT4-SS-150-6-20-3112P-SOC

PART NUMBER *SEE NOTE 10 MATERIAL NOTED
0949*

REVISION LEVEL G 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