



NOTES:

1. LEAK TEST: 4777: 80 PSI, NO BUBBLES 10 SECONDS MINIMUM. 4777-1: HE LEAK TEST @ 1 ATM. 1X10⁻⁶ CC/SEC OR LESS A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE RESPECTIVE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. CONTINUITY TEST <.5 Ohms MATING PLUG TO MATING PLUG.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. 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
7. REF-OPERATING TEMPERATURE -20 °C TO 80 °C.
8. DIMENSIONS ARE INCHES [millimeters].
9. 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.

WIRING DIAGRAM
 ATMOSPHERE RJ45 PRESSURE RJ45



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

ITEM	QTY	PART NUMBER	DESCRIPTION
3	1	WJP1F5	CONNECTOR RJ45 CAT5 SHIELDED (2X) MOUNTED TO PCB
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	1625-B	HOUSING PT16-B

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 2751 Thunderhawk Court
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DESCRIPTION
PT16-B-150-8-24-RJ45-RJ45

PART NUMBER
4777

MATERIAL NOTED

REVISION LEVEL
A

PROJECTION