



NOTES:

1. LEAK TEST: 80 PSI AIR, NO BUBBLES 1 MINUTE MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
3. 1796 ONLY: CONTINUITY CHECK EACH WIRE < .5 OHM TERMINAL TO SOCKET.
4. 1796 ONLY: ITEMS 11 & 12 (NOT SHOWN) ARE "SHIPPED LOOSE".
5. 1796-1 ONLY: ITEMS 7 THRU 13 ARE NOT INCLUDED (NO TUBING OR TERMINATIONS), ATMOSPHERE SIDE WIRE ENDS ARE STRIPPED.
6. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
7. ALL PARTS MUST PASS ALL TESTS.
8. WIRE POSITIONING IS APPROXIMATE & COLOR POSITIONS ARE VARIABLE, WIRES SHALL BE FLEXIBLE EXITING HOUSING (ITEM 6).
9. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: Ø .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: Ø .060 [1.5] MAX ALLOWED VOID SIZE
10. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
11. REF-OPERATING TEMPERATURE RANGE -25 °C TO 105 °C.
12. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAX.
13. DIMENSIONS ARE INCHES [millimeters].
14. 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.

14	A/R	PAVE-Seal 150	EPOXY BLACK
13	1	PVC 105-1/4"	TUBING .250 X .020 GRAYLINE
12	1	WM-3S	PLUG 3 SOCKET WEDGLOCK DEUTSCH
11	1	DTM06-3S-E004	PLUG 3 #20 SOCKET BLK DUETSCH
10	3	1062-20-0122	CONTACT #20 SOCKET DEUTSCH
9	1	AA-2201	TERMINAL #22-#18 QUICK DISCONNECT INSULATED ETC/MOLEX
8	1	AA-2203	TERMINAL QUICK DISCONNECT INSULATED ETC/MOLEX
7	1	AA-132-06	RING TERMINAL ETC/MOLEX
6	1	1226L	HOUSING SP8L-E
5	2	-012 VITON	O-RING -012 VITON 75
4	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
3	1	PC18 UL1569W/BL	WIRE 18PC UL1569/1007 CSA TR64 .016 7/#26
2	1	PC18 UL1569 RED	WIRE 18PC UL1569/1007 CSA TR64 .016 7/#26
1	1	PC18 UL1569 BLK	WIRE 18PC UL1569/1007 CSA TR64 .016 7/#26
ITEM	QTY	PART NUMBER	DESCRIPTION

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PAVE technology co.

DESCRIPTION
SP8L-E-150-3-PC18-10-7

PART NUMBER 1796	MATERIAL NOTED
REVISION LEVEL C	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