



NOTES:

1. LEAK TEST: 2200 PSI N₂, NO BUBBLES 5 MINUTES MINIMUM.
2. HYPOT 1000 VDC 10 SECONDS MINIMUM 500 MEGOHMS MINIMUM (INSULATION RESISTANCE) TESTED WIRE TO WIRE.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE AFTER THERMAL CYCLING.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE COLOR POSITIONS NEED ONLY TO BE GROUPABLE AS FOLLOWS WITHOUT ANY CROSS OVER (THIS SIDE ONLY): ITEMS 5, 7, 10, 12, 14, 15, 16, 17, 21 GROUPABLE TOGETHER. ITEMS 6, 8, 9, 11, 13, 18, 19, 20, 22 GROUPABLE TOGETHER.
6. OPERATING TEMPERATURE -60 °C TO 176 °C.
7. THERMAL CYCLE -60 °C TO 176 °C 3 CYCLES @ 1 HOUR HOLD.
8. REF-USES SOLDER WITH MELTING TEMPERATURE >300C FOR THIRD PARTY FIRE RESISTANCE TEST PER FAA AC 20-135 AND AC 33.17-1 (NO FUEL LEAKAGE AFTER 5 MINUTES @ 2000F FLAME TEMPERATURE).
9. DIMENSIONS ARE INCHES [millimeters].
10. 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.

22	1	E24 YEL/WHT	WIRE 24E MIL-W-16878/4-49 7/#32
21	1	E24 RED/WHITE	WIRE 24E MIL-W-16878/4-29 7/#32
20	1	E24 VIO/WHITE	WIRE 24E MIL-W-16878/4-79 7/#32
19	1	E24 ORG/WHITE	WIRE 24E MIL-W-16878/4-39 7/#32
18	1	E24 BLUE/WHITE	WIRE 24E MIL-W-16878/4-69 7/#32
17	1	E24 BRN/WHITE	WIRE 24E MIL-W-16878/4-19 7/#32
16	1	E24 BLK/WHITE	WIRE 24E MIL-W-16878/4-09 7/#32
15	1	E24 GRN/WHITE	WIRE 24E MIL-W-16878/4-59 7/#32
14	1	E24 YELLOW	WIRE 24E MIL-W-16878/4-4 7/#32
13	1	E24 WHITE	WIRE 24E MIL-W-16878/4-9 7/#32
12	1	E24 RED	WIRE 24E MIL-W-16878/4-2 7/#32
11	1	E24 VIOLET	WIRE 24E MIL-W-16878/4-7 7/#32
10	1	E24 ORANGE	WIRE 24E MIL-W-16878/4-3 7/#32
9	1	E24 GREEN	WIRE 24E MIL-W-16878/4-5 7/#32
8	1	E24 GRAY	WIRE 24E MIL-W-16878/4-8 7/#32
7	1	E24 BROWN	WIRE 24E MIL-W-16878/4-1 7/#32
6	1	E24 BLUE	WIRE 24E MIL-W-16878/4-6 7/#32
5	1	E24 BLACK	WIRE 24E MIL-W-16878/4-0 7/#32
4	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
3	1	M83485/1-015	O-RING -015 FLUOROCARBON GLT 75
2	A/R	PAVE-Seal 200	EPOXY BLACK
1	1	1374 SP11M	HOUSING SP11M-E
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
 SP11M-E-200-18-TE24-6-24

PART NUMBER
2859

MATERIAL NOTED

REVISION LEVEL
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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