



**NOTES:**

1. QUALIFICATION TESTS:
  - LEAK TEST: 150 PSI (AIR), NO BUBBLES 10 SECONDS MINIMUM.
  - HYPOT 1500 VAC, 0.5mA MAX LEAKAGE, 60 SECONDS MINIMUM, WIRE TO WIRE & INSTALLATION PORT.
2. PRODUCTION TESTS:
  - LEAK TEST: 80 PSI (AIR), NO BUBBLES 10 SECONDS MINIMUM.
  - HYPOT 1000 VDC 100 MEGOHMS MINIMUM 0.01 SECONDS MINIMUM WIRE TO WIRE.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN  $\phi 0.035$  [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
6. ENVIRONMENTAL SPECIFICATIONS (REFERENCE)
  - OPERATING TEMPERATURE -20 °C TO 150 °C.
  - STORAGE TEMPERATURE -40 °C TO 150 °C.
7. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [.13] MAXIMUM.
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.

DETAIL B  
SCALE 2 : 1

7	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
6	1	-014 VITON	O-RING -014 VITON 75
5	2	-015 VITON	O-RING -015 VITON 75 BROWN ONLY
4	1	EE18 RED	WIRE 18EE MIL-W-16878/5 .015
3	1	EE18 BLACK	WIRE 18EE MIL-W-16878/5 .015
2	2	4262	BUTT SPLICE #18 SQUARE WAVE SPECIAL
1	A/R	PAVE-Seal 200UL94	EPOXY BLACK
ITEM	QTY	PART NUMBER	DESCRIPTION

2751 Thunderhawk Court  
Dayton, OH 45414-3445  
U.S.A.  
tel (937) 890-1100  
fax (937) 8905165  
www.pavetechnologyco.com

**PAVE technology co.**

DESCRIPTION  
SP11/10-E-200UL94-2-TEE18-1-4

PART NUMBER  
**4218**

MATERIAL NOTED

REVISION LEVEL -

PROJECTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.  
ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE  $\pm 0.5$   
X.X DECIMAL  $\pm 0.1$  X.XX DECIMAL  $\pm 0.02$  X.XXX DECIMAL  $\pm 0.005$   
ANGLES  $\pm 1$  DEGREE SURFACE FINISH 128 microinch RMS