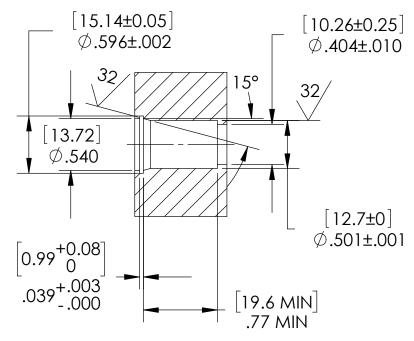


SP8C INSTALLATION PORT



- **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.
- PRODUCTION TESTS:
  - 1. LEAK TEST: 80 PSI (AIR), NO BUBBLES 10 SECONDS MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE LEAK TEST.
  - 2. HYPOT 1000 VDC 100 MEGOHMS MINIMUM 0.01 SECONDS MINIMUM WIRE TO WIRE.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER: <= .5 [12.7] SEAL DIAMETER:  $\emptyset$ .035 [.89] MAX ALLOWED VOID SIZE > .5 [12.7] SEAL DIAMETER:  $\emptyset$  .060 [1.5] MAX ALLOWED VOID SIZE
- **ENVIRONMENTAL SPECIFICATIONS (REFERENCE)** 
  - OPERATING TEMPERATURE -20°C TO 200°C.
  - 2. STORAGE TEMPERATURE -40 °C TO 200 °C.
- REF-PARTS ARE DEFLASHED ON PARTING LINE +.005 [0.13] MAX.
- DIMENSIONS ARE INCHES [millimeters]. 8.
- CUT INSULATION PER DIMENSION SHOWN, IT IS ACCEPTABLE FOR 4X RETAINED ENDS (SLUGS) TO BE LOST DURING HANDLING.
- 10. MEETS THE REQUIREMENTS OF IPC/WHMA-A-620, CLASS 2.

O-RINGS REMOVED FOR CLARITY **4**4 RECOMMENDED RETAINING RING TRUARC N5000-56 OR EQUAL 2.41 .095 0.25 4X R.010 4X 5°±3° 10.29 3.58+0.05 2X Ø.405 0.25 MAX -0.08 4X R.010 MAX +.002 .141 -.003

ITEM	QTY	PART NUMBER	DESCRIPTION	3451	REVISION E
1	A/R	PAVE-Seal 200UL94	EPOXY BLACK	PART NUMBER	MATERIAL NC
2	1	EE18 RED	WIRE 18EE MIL-W-16878/5 .015	DESCRIPTION SP8C-E-200UL9	4-2-TEE18
3	1	EE18 BLACK	WIRE 18EE MIL-W-16878/5 .015		vioèli™c
4	2	-012 VITON	O-RING -012 VITON 75	PAVE techno	daan aa
5	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED	·	

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18-1-4

OTED  $\bigcirc$ 

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