



- NOTES:
- 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:
 - LEAK TEST: 80 PSI (AIR), NO BUBBLES 10 SECONDS MINIMUM.
 - 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.
 - NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN Ø0.035 [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
 - ENVIRONMENTAL SPECIFICATIONS (REFERENCE)
 - OPERATING TEMPERATURE -20°C TO 150°C.
 - STORAGE TEMPERATURE -40°C TO 150°C.
 - REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [.13] MAXIMUM.
 - DIMENSIONS ARE INCHES [millimeters].
 - 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.

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|------|-----|-------------------|-------------------------------|
| 5 | A/R | PARKER O-LUBE | LUBRICANT O-RING BARIUM-BASED |
| 4 | 2 | -012 VITON | O-RING -012 VITON 75 |
| 3 | 1 | EE18 BLACK | WIRE 18EE MIL-W-16878/5 .015 |
| 2 | 1 | EE18 RED | WIRE 18EE MIL-W-16878/5 .015 |
| 1 | A/R | PAVE-Seal 200UL94 | EPOXY BLACK |
| ITEM | QTY | PART NUMBER | DESCRIPTION |

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DESCRIPTION
SP8C-E-200UL94-2-TEE18-1-4

PART NUMBER
3451

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