



RECOMMENDED RETAINING RING
TRUARC N5000-56 OR EQUAL

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. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE POSITIONING IS APPROXIMATE & COLOR POSITIONS ARE VARIABLE.
6. 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
7. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
8. REF-OPERATING TEMPERATURE RANGE -20 °C TO 125 °C.
9. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
10. DIMENSIONS ARE INCHES [millimeters].
11. 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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|-------------|------------|--------------------|-----------------------------------|
| 8 | A/R | PARKER O-LUBE | LUBRICANT O-RING BARIUM-BASED |
| 7 | 2 | -012 VITON | O-RING -012 VITON 75 |
| 6 | 1 | E22 WHT | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 5 | 1 | E22 RED | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 4 | 1 | E22 GREEN | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 3 | 1 | E22 BLUE 7 STR | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 2 | A/R | PAVE-Seal 150 | EPOXY BLACK |
| 1 | 1 | 1226M | HOUSING SP8M-E |
| ITEM | QTY | PART NUMBER | DESCRIPTION |

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DESCRIPTION
SP8M-E-150-4-TE22-10-10

PART NUMBER
5517

MATERIAL NOTED

REVISION LEVEL -

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