NOTES:
1. LEAK TEST: 350 PSI, NO N2 BUBBLES 30 SECONDS 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. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
3. ALL PARTS MUST PASS ALL TESTS.
4. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
5. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
   <= .5 [12.7] SEAL DIAMETER:  0.035 [0.89] MAX ALLOWED VOID SIZE
   > .5 [12.7] SEAL DIAMETER:  0.060 [1.5] MAX ALLOWED VOID SIZE
6. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
7. ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES. ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE:
   0.5  X.X DECIMAL
   0.1  X.XX DECIMAL
   0.02  X.XXX DECIMAL
   0.005  X.XXXX DECIMAL
8. REF-OPERATING TEMPERATURE RANGE -20 °C TO 125 °C.
9. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13]
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.

ITEM  | QTY  | PART NUMBER  | DESCRIPTION
--- | --- | --- | ---
5 | A/R PARKER O-LUBE | LUBRICANT O-RING BARIUM-BASED
4 | 2 | -020 VITON | O-RING -020 VITON 75
3 | 2 | S8 BLACK | WIRE 8AWG SILICONE CASTLE 011-0027-00
2 | A/R PAVE-Seal 150 | EPOXY BLACK
1 | 1 | 0913 | HOUSING SP16-E

MODEL NUMBER 5125  
REVISION LEVEL 1  
REV. 1 09/13

RECOMMENDED HOUSING RETAINING RING
TRUARC 5100-81 OR EQUAL
REF-.877 [22.28] DIMENSION FOR USE WITH HOUSING INSTALLED RETAINING RING

SP16 INSTALLATION PORT
RECOMMENDED PORT RETAINING RING
TRUARC N5000-106 OR EQUAL

TRUARC 5100-81 OR EQUAL,
RECOMMENDED HOUSING RETAINING RING

WITH HOUSING INSTALLED RETAINING RING

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