



NOTES:

1. LEAK TEST: 80 PSI, 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 MAY VARY, WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .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 -40 °C TO 125 °C.
9. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
10. 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.
11. DIMENSIONS ARE INCHES [millimeters].

12	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
11	1	-012 VM125-75	O-RING -012 FLOUROCARBON PER AMS-R-83485/1
10	1	TZ20 BLK M/16	WIRE 20 TEFZEL M22759/16
9	1	TZ20 GRN M/16	WIRE 20 TEFZEL M22759/16
8	1	TZ20 RED M/16	WIRE 20 TEFZEL M22759/16
7	1	TZ24 BLU M/16	WIRE 24 TEFZEL M22759/16
6	1	TZ24 GRY M/16	WIRE 24 TEFZEL M22759/16
5	1	TZ24 BRN M/16	WIRE 24 TEFZEL M22759/16
4	1	TZ24 YLW M/16	WIRE 24 TEFZEL M22759/16
3	1	TZ24 ORG M/16	WIRE 24 TEFZEL M22759/16
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	1226S	HOUSING SP8S-E
ITEM	QTY	PART NUMBER	DESCRIPTION

RECOMMENDED RETAINING RING
TRUARC N5000-56 OR EQUAL

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

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DESCRIPTION
SP8S-E-150-3/5-TZ20/TZ24-16-6

PART NUMBER
4604

MATERIAL NOTED

REVISION LEVEL
C

PROJECTION