



NOTES:

1. LEAK TEST:
4791: 2500 PSI N2, NO BUBBLES 10 SECONDS MINIMUM.
4791-1: 150 PSI N2, NO BUBBLES 10 SECONDS MINIMUM.
A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 1000 VDC 100 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 & VARIABLE.
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 -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.

10	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
9	2	-012 BUNA	O-RING -012 BUNA 75
8	1	E24 BLUE	WIRE 24E MIL-W-16878/4 7/#32
7	1	E24 BROWN	WIRE 24E MIL-W-16878/4 7/#32
6	1	E24 GREEN	WIRE 24E MIL-W-16878/4 7/#32
5	1	E24 RED	WIRE 24E MIL-W-16878/4 7/#32
4	1	E24 WHITE	WIRE 24E MIL-W-16878/4 7/#32
3	1	E24 GRN/WHITE	WIRE 24E MIL-W-16878/4 7/#32
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	1226M	HOUSING SP8M-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
SP8M-E-150-6-TE24-13-13

PART NUMBER
4791

*SEE NOTE 1

MATERIAL NOTED

REVISION LEVEL D

PROJECTION