



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

NOTES:

1. LEAK TEST: 2000 PSI, NO N2 BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT ON THE PRESSURE SIDE 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 & 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 RANGE -40°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.

6	A/R	SAC305	SOLDER
5	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
4	2	-020 VITON LT	O-RING -020 VITON LOW-TEMP 75
3	6	N2236E1000343	WIRE ETFE14 LITZ TYPE 2 MW79-C 165/36 .015
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0913	HOUSING SP16-E
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION
 SP16-E-150-6-LITZ14-50-32

PART NUMBER
5848

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