



RECOMMENDED RETAINING RING
TRUARC N5000-56 OR EQUAL

NOTES:

1. LEAK TEST: 80 PSI, NO BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
3. CONTINUITY TEST WIRE END TO SOLDER CUP:
18AWG WIRES <8.0 milliOHMs, 26AWG WIRES <49 milliOHMs
4. EXCESSIVE HEAT FROM SOLDERING WILL DAMAGE HERMETIC SEAL, REF-4 TO 5 SECONDS MAXIMUM PER SOLDERING OPERATION WITH A MINIMUM 5 SECOND DELAY IN BETWEEN.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
8. 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
9. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
10. REF-OPERATING TEMPERATURE RANGE -54 °C TO 85 °C.
11. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
12. DIMENSIONS ARE INCHES [millimeters].
13. 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	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
10	1	-012 NITRILE	O-RING -012 N602-70
9	2	448505115212710	CONTACT SOLDER CUP #22 AND SMALLER
8	3	076001815132710	CONTACT SOLDER CUP #16 AND SMALLER
7	1	TZ26 BLACK	WIRE 26 TEFZEL M22759/32 19/#38
6	1	TZ26 RED	WIRE 26 TEFZEL M22759/32 19/#38
5	1	TZ18 YELLOW /16	WIRE 18 TEFZEL MIL-W-22759/16-18 19/#30
4	1	TZ18 ORANGE /16	WIRE 18 TEFZEL MIL-W-22759/16-18 19/#30
3	1	TZ18 BLUE /16	WIRE 18 TEFZEL MIL-W-22759/16-18 19/#30
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	1226S	HOUSING SP8S-E
ITEM	QTY	PART NUMBER	DESCRIPTION

PAVE technology co.
 2751 Thunderhawk Court
 Dayton, OH 45414-3445
 U.S.A.
 tel (937) 890-1100
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 www.pavetechnologyco.com

DESCRIPTION
 SP8S-E-150-3/2-TZ18/26-12-SC

PART NUMBER
6030

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