



RECOMMENDED RETAINING RING
SMALLEY VH-106 OR EQUAL

NOTES:

1. LEAK TEST: 80 PSI, NO N2 BUBBLES 6 MINUTES MINIMUM. A GREEN PAINT DOT ON THE PRESSURE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 15 KVDC, 50 μ A MAXIMUM LEAKAGE WIRE TO WIRE, 1 SECOND MINIMUM.
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:
 $\leq .5$ [12.7] SEAL DIAMETER: $\phi .035$ [.89] MAX ALLOWED VOID SIZE
 $> .5$ [12.7] SEAL DIAMETER: $\phi .060$ [1.5] MAX ALLOWED VOID SIZE
7. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
8. REF-OPERATING TEMPERATURE RANGE -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.

5	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
4	2	-020 VITON	O-RING -020 VITON 75
3	4	CRT12-3	WIRE 12HV 15KVDC 19/#25 SPC CORONA RESISTANT PTFE INSULATION
2	A/R	PAVE-Seal 150HV	EPOXY BLUE
1	1	4834	HOUSING SP16S-E
ITEM	QTY	PART NUMBER	DESCRIPTION

		2751 Thunderhawk Court Dayton, OH 45414-3445 U.S.A. tel (937) 890-1100 fax (937) 8905165 www.pavetechnologyco.com	
		DESCRIPTION SP16S-E-150HV-4-CRT12-72-72	
PART NUMBER 5368		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