



NOTES:

1. LEAK TEST: 2000 PSI, NO BUBBLES 30 SECONDS MINIMUM.
2. HYPOT 20 KVDC 1X10⁶ MEGOHMS MINIMUM 0.01 SECOND MINIMUM CENTER CONDUCTOR TO RECEPTACLE SHELL WITH MATING CONNECTOR.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN $\phi 0.035$ [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
6. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
7. REF-OPERATING TEMPERATURE -20°C TO 85 °C.
8. DIMENSIONS ARE INCHES [millimeters].
9. 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.

RECOMMENDED RETAINING RING
SMALLEY WH-96 OR EQUAL
(RETAINING RING NOT INCLUDED)

6	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
5	1	-016 VITON	O-RING -016 VITON 75
4	1	BELDEN 8866	WIRE #18 16/#30 .208 OD 40,000 VDC
3	1	0434	HOUSING SP12-E
2	A/R	PAVE-Seal 150HV	EPOXY HIGH VOLTAGE BLUE
1	1	SD1764-1	RCPT SHV 20 KVDC BH MOUNT
ITEM	QTY	PART NUMBER	DESCRIPTION

PAVE technology co.
 2751 Thunderhawk Court
 Dayton, OH 45414-3445
 U.S.A.
 tel (937) 890-1100
 fax (937) 8905165
 www.pavetechnologyco.com

DESCRIPTION
 SP12-E-150HV-B8866-SHV-14

PART NUMBER
4439

MATERIAL NOTED

REVISION LEVEL
 B

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