



**NOTES:**

1. LEAK TEST: 2,500 PSI, NO BUBBLES 1 MINUTES MINIMUM.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM CONDUCTOR TO CONDUCTOR.
3. CONTINUITY TEST <.5 Ohms SHEILDING END TO END.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
7. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN  $\phi 0.035$  ARE ACCEPTABLE ON ALL OTHER SURFACES.
8. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON ATMOSPHERE SIDE OF HOUSING.
9. REF-OPERATING TEMPERATURE -20°C TO 175°C.
10. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 MAXIMUM.
11. PAVE-SEAL CAN BE A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM & MOST PRESSURES. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.

ITEM	QTY	PART NUMBER	DESCRIPTION
7	1	PVF20 BLACK	WIRE 20 XL POLYALKENE .0075 19/#32 M81044/12-20
6	1	PVF20 WHITE	WIRE 20 XL POLYALKENE .0075 19/#32 M81044/12-20
5	A/R	SUPER O-LUBE	LUBRICANT O-RING SILICONE BASED
4	2	-020 VITON	O-RING -020 VITON 75
3	A/R	PAVE-Seal 200	EPOXY BLACK HIGH TEMPERATURE
2	5	RG316	CABLE COAX B83284 OR EQUAL BELDEN 83284 I
1	1	0913	HOUSING SP16-E

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

DESCRIPTION  
 SP16-E-200-5/2-RG316/PVF20-1-2m

PART NUMBER  
**4088**

MATERIAL  
 NOTED

REVISION LEVEL  
 -

PROJECTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.  
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE  $\pm 0.5$   
 X.X DECIMAL  $\pm 0.1$  X.XX DECIMAL  $\pm 0.02$  X.XXX DECIMAL  $\pm 0.005$   
 ANGLES  $\pm 1$  DEGREE SURFACE FINISH 128 microinch RMS