



**NOTES:**

1. LEAK TEST: 80 PSI, NO BUBBLES 45 SECONDS MINIMUM.
2. HYPOT 630 VDC 500 MΩ MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE .
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE, WIRE COLOR POSITIONS MAY VARY.
6. NO VOIDS ARE ALLOWED ON O-RING SEALING SURFACES, VOIDS SMALLER THAN  $\phi .035$  [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
7. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
8. OPERATING TEMPERATURE RANGE -20°C TO 125°C.
9. REF-PARTS ARE DEFLASHED ON PARTING LINE +.001 [.03] MAXIMUM.
10. DIMENSIONS ARE INCHES [millimeters].
11. ITEM 10 IS INCLUDED BUT NOT SHOWN.
12. 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.

\*SEE NOTE 7

RECOMMEND RETAINING RING  
TRUARC N5000-37 OR EQUAL

10	1	RR N5000-37	RETAINING RING INTERNAL .375SS
9	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
8	1	-010 VITON	O-RING -010 VITON 75
7	1	TT30	CABLE T/C TYPE T#30 TEFLON
6	1	E28 RED	WIRE 28E MIL-W-16878/4 .010 7/#36
5	1	E28 ORANGE	WIRE 28E MIL-W-16878/4 .010 7/#36
4	1	E28 GREEN	WIRE 28E MIL-W-16878/4 .010 7/#36
3	1	E28 BLUE	WIRE 28E MIL-W-16878/4 .010 7/#36
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0168	HOUSING SP6-E
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  
SP6-E-150-4/1P-TE28/TT30-9-9

PART NUMBER  
**4086**

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