



**NOTES:**

1. LEAK TEST: 650 PSI, NO N2 BUBBLES 1 MINUTE MINIMUM. A GREEN PAINT DOT ON THE HOUSING FLANGE INDICATES THE PART HAS PASSED THE TEST. PAVE-Seal IS A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM AND 650 PSI PRESSURE USING A SMALLEY WSM-75 OR EQUAL RETAINING RING INSTALLED IN ONE OR BOTH OF THE NOTED HOUSING GROOVES, RETAINING RING(S) NOT INCLUDED.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE & SALT WATER, WITH ITEM 1 (HOUSING) COMPLETELY SUBMERGED IN THE SALT WATER, USING A MATING CONNECTOR.
3. CONTINUITY TEST MATING CONNECTOR TO WIRE ENDS <0.5 OHM .
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE EXIT POSITIONING IS APPROXIMATE & VARIABLE.
7. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
 <= .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
8. REF-OPERATING TEMPERATURE RANGE -20 °C TO 80 °C.
9. DIMENSIONS ARE INCHES [millimeters].

13	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
12	2	-016 VITON	O-RING -016 VITON 75
11	1	HYT24 BRN/WHT	WIRE 24 AWG HYTREL JACKETED
10	1	HYT24 ORG/WHT	WIRE 24 AWG HYTREL JACKETED
9	1	HYT24 BRN	WIRE 24 AWG HYTREL JACKETED
8	1	HYT24 ORG	WIRE 24 AWG HYTREL JACKETED
7	1	HYT24 RED/WHT	WIRE 24 AWG HYTREL JACKETED
6	1	HYT24 BLK/WHT	WIRE 24 AWG HYTREL JACKETED
5	1	HYT24 RED	WIRE 24 AWG HYTREL JACKETED
4	1	HYT24 BLK	WIRE 24 AWG HYTREL JACKETED
3	1	MCIL8M	8 PIN BIRNS AQUAMATE INLINE SUBSEA CABLE 20AWG NEOPRENE
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	5636	HOUSING SPF12XXL-AL 6061-T6 ANODIZED (TYPE II, BLACK)
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 SPF12XXL-AL-150-8-HYT24-24-22T	
PART NUMBER <b>5635</b>	MATERIAL NOTED
REVISION LEVEL A	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