



**NOTES:**

1. LEAK TEST: 80 PSI, NO BUBBLES 2 MINUTES MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. 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
6. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
7. REF-OPERATING TEMPERATURE RANGE -40 °C TO 105 °C.
8. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAX.
9. DIMENSIONS ARE INCHES [millimeters].
10. 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.
11. PART IS RoHS COMPLIANT.

18	1	RR 5100-75-HST	RETAINING RING EXTERNAL .750SS
17	A/R	SAC305	SOLDER SAC305 FAST CORE
16	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
15	2	-016 N1470-70	O-RING -016 PARKER N1470-70
14	1	TZ20 YELLOW	WIRE 20 TEFZEL M22759/16 19/#32
13	1	TZ20 WHT M/16	WIRE 20 TEFZEL M22759/16 19/#32
12	1	TZ20 ORANGE	WIRE 20 TEFZEL M22759/16 19/#32
11	1	TZ20 GRN M/16	WIRE 20 TEFZEL M22759/16 19/#32
10	1	TZ16 RD	WIRE 16 TEFZEL MIL-W-22759/16 19/#29
9	1	TZ16 BK	WIRE 16 TEFZEL MIL-W-22759/16 19/#29
8	1	TZ20 YEL 105STR	WIRE 20 TEFZEL 105 STRAND
7	1	TZ20 WHT 105STR	WIRE 20 TEFZEL 105 STRAND
6	1	TZ20 ORG 105STR	WIRE 20 TEFZEL 105 STRAND
5	1	TZ20 GRN 105STR	WIRE 20 TEFZEL 105 STRAND
4	1	TZ16 RED 65STR	WIRE 16 TEFZEL 65 STRAND
3	1	TZ16 BLK 65STR	WIRE 16 TEFZEL 65 STRAND
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	5037	HOUSING SPF12LT-E
<b>ITEM</b>	<b>QTY</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>

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DESCRIPTION  
SPF12LTC-E-150-2/4-TZ16/20-28-2.5

PART NUMBER  
**5138**

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