



NOTES:

1. LEAK TEST: (SEE TABLE) PSI, NO BUBBLES. (SEE TABLE) FOR MINIMUM TIMES. A GREEN PAINT DOT INDICATES THAT PART HAS PASSED.
2. HYPOT 630 VDC 500 MΩ 0.01 SEC MINIMUM WIRE TO WIRE. FOR 0597-1, 0597-2 & 0597-7 ONLY, TEST W/ LONG END IN SALT WATER, WIRE TO WIRE & WATER.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. FOR PAVE 0597-2, 0597-3, & 0597-7 USE -012 SILICONE AS ITEM 3 INSTEAD OF -012 VITON. FOR 0597-8, USE -012 VITON LT.
6. WIRE COLOR ARRANGEMENT MAY VARY.
7. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
8. DUAL DIMENSIONS ARE IN [mm].
9. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
 <= .5 [12.7] SEAL DIAMETER: ø.035 [.89] MAX ALLOWED VOID SIZE  
 > .5 [12.7] SEAL DIAMETER: ø.060 [1.5] MAX ALLOWED VOID SIZE
10. REF-OPERATING TEMPERATURE RANGE SEE TABLE.
11. 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.

0597	27.6 [700]	27.6 [700]	80 PSI	2.5 MINUTES	-20 TO 125°C
0597-1	5 [127]	64 [1626]	80 PSI	3 MINUTES	-20 TO 125°C
0597-2	5 [127]	36 [914]	80 PSI	2 MINUTES	-51 TO 125°C
0597-3	23.6 [600]	7.9 [200]	80 PSI	1.5 MINUTES	-51 TO 125°C
0597-5	59 [1500]	59 [1500]	40 BAR (580 PSI)	30 SECONDS	-20 TO 125°C
0597-6	39 [1000]	78.7 [2000]	200 BAR (2900 PSI)	1 MINUTE	-20 TO 125°C
0597-7	5 [127]	16 [406]	80 PSI	1 MINUTE	-51 TO 125°C
0597-8	27.6 [700]	27.6 [700]	80 PSI	2.5 MINUTES	-35 TO 125°C
PAVE#	Z	X	TEST PRESSURE	MINIMUM TEST TIMES	OPERATING TEMP

12	1	TZ22 WHITE	WIRE 22TZ MILW22759/44A .006 7/#30
11	1	TZ22 GREY	WIRE 22TZ MILW22759/44A .006 7/#30
10	1	TZ22 VIOLET 19	WIRE 22TZ MILW22759/44A .006 19/#34
9	1	TZ22 BLUE 19	WIRE 22TZ MILW22759/44A .006 19/#34
8	1	TZ22 GREEN	WIRE 22TZ MILW22759/44A .006 7/#30
7	1	TZ22 YLW 19	WIRE 22TZ MILW22759/44A .006 19/#34
6	1	TZ22 ORG 19	WIRE 22TZ MILW22759/44A .006 19/#34
5	1	TZ22 RED 19	WIRE 22TZ MILW22759/44A .006 19/#34
4	1	TZ22 BROWN	WIRE 22TZ MILW22759/44A .006 7/#30
3	2	-012 VITON <small>SEE NOTE 5</small>	O-RING -012 VITON 75
2	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
1	1	1226-L	HOUSING SP8L-E
ITEM	QTY	PART#	DESCRIPTION

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

USE TRUARC N5000-50  
 RETAINING RING OR EQUAL.  
 IF REMOVED FROM PORT,  
 REPLACE O-RINGS.

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**PAVE technology co.**

DESCRIPTION **PAVE-Seal® Cable Harnesses**  
**SP8L-E-150-9-TZ22-Z-X** SEE TABLE

PART NUMBER  
**0597**

REVISION LEVEL **U**  
 PROJECTION