



SECURE PART WITH APPROPRIATELY SIZED #4-40 SCREWS

PIN-OUT TABLE

ITEM 3 POS	COLOR	PAIR ID
1	RED (ITEM 9)	TWPR 1
2	UNUSED	N/A
3	UNUSED	N/A
4	BLACK (ITEM 4)	TWPR 3
5	ORANGE (ITEM 8)	TWPR 1
6	BROWN (ITEM 6)	TWPR 3
7	YELLOW (ITEM 10)	TWPR 2
8	GREEN (ITEM 7)	TWPR 2
9	BLUE (ITEM 5)	SINGLE

NOTES:

- LEAK TEST: 1500 PSI, NO N2 BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
- QUALIFICATION ONLY: LEAK TEST 1500 PSI, NO N2 BUBBLES 1 HOUR MINIMUM.
- HYPOT 150 VDC 150 MEGOHMS MINIMUM 0.01 SECOND MINIMUM SOCKET TO SOCKET AND HOUSING WITH MATING CONNECTOR.
- CONTINUITY TEST SOCKET TO WIRE END <0.5 OHM WITH MATING CONNECTOR.
- WIRES WILL BE TWISTED INTO PAIRS PER TABLE, APPROXIMATELY 1-3 TWISTS PER INCH.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- 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
- REF-OPERATING TEMPERATURE -20°C TO 125°C.
- DIMENSIONS ARE INCHES [millimeters].
- 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.

12	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
11	1	-013 BUNA	O-RING -013 BUNA 75
10	1	TZ28 YELLOW /32	WIRE 28 TEFZEL M22759/32 7/#36
9	1	TZ28 RED /32	WIRE 28 TEFZEL M22759/32 7/#36
8	1	TZ28 ORANGE /32	WIRE 28 TEFZEL M22759/32 7/#36
7	1	TZ28 GREEN /32	WIRE 28 TEFZEL M22759/32 7/#36
6	1	TZ28 BROWN /32	WIRE 28 TEFZEL M22759/32 7/#36
5	1	TZ28 BLUE /32	WIRE 28 TEFZEL M22759/32 7/#36
4	1	TZ28 BLACK /32	WIRE 28 TEFZEL M22759/32 7/#36
3	1	FLBB09EGFSGCP01	RCPT PUSH PULL 9 SOC CHROME PLATED COPPER ALLOY SHELL, PPS INSULATOR, GOLD PLATED COPPER ALLOY CONTACTS AMPHENOL# FLBB-09EGFS-GCP-001
2	1	PAVE-Seal 150	EPOXY BLACK
1	1	5317	HOUSING FL9-SS (316SS)
ITEM	QTY	PART NUMBER	DESCRIPTION

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

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DESCRIPTION  
 FL9-SS-150-7-TZ28-FLB-12

PART NUMBER  
**5305**

MATERIAL NOTED

REVISION LEVEL  
 B

PROJECTION