



RECOMMENDED RETAINING RING  
TRUARC #5100-75 OR EQUAL

NOTES:

1. LEAK TEST: 80 PSI, NO BUBBLES 5 SECONDS MINIMUM A GREEN PAINT DOT INDICATES THE PART PASSED THIS TEST.
2. HYPOT 630 VDC 500 MΩ 0.01 SEC MINIMUM, CUP TO CUP.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. REF - OPERATING TEMPERATURE RANGE: -20 TO 155°C.
6. PART NUMBER 1962 USES ITEM 4.  
PART NUMBER 1962-1 USES ITEM 5.
7. NO VOIDS LARGER THAN ø0.035 [0.89] ARE ACCEPTABLE.
8. 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.
9. DIMENSIONS ARE INCHES [millimeters].
10. REFERENCE- PART NUMBER 1962 SHALL COMPLY WITH REQUIREMENTS OF MIL-M-19595 NON CONTACT COMPONENT. 100% INSPECTION REQUIRED AND PERFORMED BY THE CUSTOMER.  
CAUTION: CONTAMINATION OF ITEMS DURING FABRICATION AND PACKAGING BY CONTACT WITH MAGNETIC MATERIALS SUCH AS MAGNETS, IRON, METAL FILINGS OR ANY OBJECT THAT CAN GENERATE A MAGNETIC FIELD MAY CAUSE THE ITEM/PRODUCT TO BE REJECTED.

5	24	AMP #66569 SEE NOTE 6	CONTACT SOLDER CUP #20 Sn/Ni PLATED BRONZE
4	24	1986 SEE NOTE 6	CONTACT SOLDER CUP #20 BARE COPPER
3	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM
2	1	-016 VITON	O-RING -016 VITON 75
1	1	0130	HOUSING SPF12-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



DESCRIPTION PAVE-Mate® I Connectors  
SPF12-E-200-12-22-SC-SC

PART NUMBER SEE NOTE 6.

1962\*

REVISION LEVEL G

