



NOTES:

1. ASSEMBLY TO MATE WITH B299-5 ASSEMBLY SUPPLIED BY DESC.
2. 73.1 pF ±1.4 pF ACROSS CENTER PINS OF RS-13-B & -E CONNECTORS IS SHUNTED WHEN MATED WITH ABOVE ASSEMBLY AT 25°C. CHECK FOR .5 OHM CONTINUITY FROM B299-5 ASSEMBLY TO RS-13-B & -E CONNECTOR WHEN MATED & CAPACITANCE ACROSS RS-13-E & -B DROPS TO 8 pF OR LESS.
3. INSERTION FORCE FOR MATING B299-5 ASSEMBLY IS 16 LBS ± 8 LBS.
4. MATING B299-5 ASSEMBLY REQUIRES FULL INSERTION & FULL EXTRACTION OTHERWISE ITEM 6 IN 0075 ASSEMBLY WILL LOCK IT.
5. APPLY VAC GOOP O-RING LUBRICANT INTO ITEM 2 GROOVE BEFORE O-RING.
6. HELIUM LEAK TEST INSIDE OUT TO 1 X 10⁻⁶ STD CC/SEC MAX.
7. MAXIMUM WEIGHT OF ASSEMBLY IS 227 g (.5 LBS).
8. FILL CAPACITOR ZONE WITH HELIUM + NITROGEN GAS WITH A DEW POINT OF -65° F. PINCH & SEAL CAPACITOR ZONE & SEE NOTE 6.
9. ELECTRICAL HYPOT TEST TO 500 VAC FOR 1 SEC MIN.
10. THE TEMPERATURE COEFFICIENT OF CAPACITANCE OF THE CAPACITOR SHALL BE ±30 PPM/ °C FROM -55 °C TO 71 °C SHALL BE °C.

9	----	A/R ANEROBIC ADHESIVE (T942)
8	0091	1 FLANGE HSG WASHER
7	----	A/R VAC GOOP LUBRICANT
6	0081	4 .093 DIA BALL BEARINGS
5	----	1 O-RING -119 VITON (MED DURO)
4	0236	1 MODIFIED 2-56 SCREW
3	0078	2 SPRING-PLATED NI
2	0077	1 SLIDER ASY
1	0076	1 FLANGED HOUSING ASY

ITEM PART # REQ'D 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

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DESCRIPTION
DISCONNECT-FUEL GAGE SIMULATOR

PART NUMBER
0075

REVISION LEVEL
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PROJECTION