



**NOTES:**

1. HE LEAK TEST VACUUM  $10 \times 10^{-7}$  CC/SEC OR LESS.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. CONTINUITY TEST <0.5 OHMS MATING CONNECTOR TO MATING CONNECTOR AND CONNECTOR SHELL TO CONNECTOR SHELL.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN  $\phi 0.035$  ARE ACCEPTABLE ON ALL EPOXY SURFACES.
7. REF-OPERATING TEMPERATURE -40 TO 105 °C
8. O-RING IS DRY - NO LUBE.

ITEM	QTY	PART NUMBER	DESCRIPTION
6	1	-031 BUNA	O-RING -031 BUNA 75
5	2	JACKPOST 4-40	"P" STYLE 4-40 UNC
4	A/R	PAVE-Seal 150	EPOXY BLACK
3	1	3172	HOUSING FLANGE 6061 T6 GLASS BEAD BLAST 100 GRIT TYPE 2 BLACK ANODIZE WITH NICKEL ACETATE SEAL
2	1	180-044-103L001	PLUG D-SUB HIGH DENSITY 44 PIN PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS PINS
1	1	180-044-203L001	RCPT D-SUB 44 SOCKET HIGH DENSITY PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS SOCKETS

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DESCRIPTION  
**FL-AL-150-44-22-DSUB-DSUB**

PART NUMBER  
**3151**

MATERIAL NOTED

REVISION LEVEL  
**G**

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