Bayonet and Thread Coupling and Electrical Service Data

BAYONET COUPLING		
Description	**Military Designation**	**Glenair Designation**
Jam Nut Mount	MS24265H*B*CN MS24265H*B*EN	230-039 230-039
Solder Mount	MS247034H*B*CN MS27034H*B*EN	230-036 230-036
Square Flange	MS24264H*B*CN MS24264H*B*EN	230-041 230-041
Mating Plug	MS24266R*B*SN	

THREAD COUPLING		
Description	**Military Designation**	**Glenair Designation**
Jam Nut Mount	MS24265H*T*CN MS24265H*T*EN	230-040 230-040
Solder Mount	MS27034H*T*CN MS27034H*T*EN	230-038 230-038
Square Flange	MS24264H*T*CN MS24264H*T*EN	237-165 237-165
Mating Plug	MS24266R*T*SN	

Based on contact size, the maximum current carried by the connector is the same permitted by the wire bundle. Maximum current ratings and voltage drops demonstrated in tests of fully assembled connectors are shown in the following table:

ELECTRICAL SERVICE DATA		
Contact Size	**Test Current (Amps)**	**Potential Drop (Millivolts)**
20	5	100
16	10	95
12	17	95

Method 3001 of MIL-STF-1344 specifying high potential test voltage mandates that tested unmated connectors will not exceed 2 milliamperes in leakage and present no sign of electrical breakdown or flashover per the following table:

HIGH POTENTIAL TEST VOLTAGE	
Service Rating	**Test Voltage (RMS 60 CPS)**
1	1500