Military and Aero-Electric Part Number Development

Mil. Prefix	M83723/	71	R	12	12	N	
Aero Prefix	AE833	71	R	12	12	N	-340

Shell type

71 = Wall mount receptacle with socket contacts

72 = Wall mount receptacle with pin contacts

73 = Jam nut receptacle with socket contacts

74 = Jam nut receptacle with pin contacts

75 = Straight plug with socket contacts

76 = Straight plug with pin contacts

77 = RFI grounding plug with socket contacts

78 = RFI grounding plug with pin contacts

Class (Material and Finish)

A = Aluminum shell, black anodized finish (not available in 77 and 78 RFI plugs)

G = Stainless stell shell, passivated

R = Aluminum shell, electroless nickel finish

W = Aluminum shell, olive drab cadmium over electroless nickel finish

Shell Size (SS)

8, 10, 12, 14, 16, 18, 20, 22 or **24**

Insert Arrangement

See pages 148 and 149

Polarization (Keying)

N = Normal

6, 7, 8, 9 or **Y** (Alternate keyed positions, Y is not availabe in SS 8)

1, 2, 3, 4 or **5** (Clocked insert polarizations within normally keyed shell, not approved for new design, n/a in SS 8)

Modification (applies to Aero part numbers only)

01 = Less contacts (Part is bagged and tagged, but not marked with 01)

340 = Connector kitted with M85049/31-XXX E-nut

341 = Connector kitted with M85049/52-1-XXX straight clamp

342 = Connector kitted with M85049/51-1-XXX right angle clamp

Consult factory for other modifications

Note 1: Each connector is furnished with contacts unless ordered less contacts (L/C) as follows: One spare contact for inserts requiring 2 to 26 of each contact and two spares for inserts with 27 or more of each size, and a minimum of one sealing plug up to 15% of the number of contacts of each size. In addition, one insertion/removal tool of each size is included.

Note 2: Proper part number marking has no "0" in front of single digit shell size (8), but it does include the "0" in front of single digit layout. Examples: M83723/72W803N and M83723/77G10056. Please note that in this series "N" for normal is included in part number marking.