



MIL-DTL-38999

Part Number Development Series III

Military and Aero-Electric Part Number Development

Mil. Prefix	D38999/	20	W	C	35	P	N	
Aero Prefix	AE3	20	W	C	35	P	N	-340
Shell Type (Specification Sheet Number)								
20 = Wall mount receptacle								
24 = Jam nut receptacle								
26 = Self-locking, RFI grounding plug								
Class (Material & Finish)								
F = Aluminum shell, electroless nickel finish								
W = Aluminum shell, olive drab cadmium over electroless nickel base								
T = Aluminum shell, nickel fluoro carbon polymer finish (consult factory for availability)								
Z = Aluminum shell, zinc nickel finish (consult factory for availability)								
K = Stainless steel shell, passivated, with firewall insert								
S = Stainless steel shell, electrodeposited nickel, with firewall insert								
BN* = Aluminum shell, black nickel finish, (RoHS), (Aero p/n/ only)								
BZ* = Aluminum nickel bronze shell with standard insert (Aero p/n only)								
ZC* = Aluminum shell, zinc cobalt plating, (RoHS), (Aero p/n only)								
Shell Size								
A, B, C, D, E, F, G, H or J								
Insert Arrangement								
See pages 60 thru 62								
Contact Style								
P = Pin								
S = Socket								
A = Pin connector less pins (with intent to use non-std pin contacts)								
B = Socket connector less sockets (with intent to use non-std socket contacts)								
Polarization (Keying)								
N = Normal (Included in part number)								
A, B, C, D, or E								
Modification (applies to Aero part numbers only)								
01 = Less contacts (is not marked on the part)								
340 = Connector kitted with M85049/15-XXX								
341 = Connector kitted with M85049/38-XXX straight clamp								
342 = Connector kitted with M85049/39-XXX right angle clamp								
Consult factory for other modifications								

* Not on QPL, can be supplied to Aero-Electric part number only.

Note 1: Each connector is furnished with contacts unless ordered less contacts (L/C) as follows: One spare contact for inserts requiring 2 through 26 of each contact and two spares for inserts with 27 or more contacts, and a minimum of one sealing plug up to 10% of the number contacts. Spare Coax and Twinax contacts are not supplied. One insertion/extraction tool for each contact size is also included.

Note 2: Proper part number marking has no "0" in front of single digit layout. Example: J D38999/20WB5SN. "N" for normal is included. In addition, J or JAN must be marked immediately in front of MIL part number.