



**MIL-DTL-38999  
Part Number Development  
Series III**

**Military and Aero-Electric Part Number Development**

<b>Mil. Prefix</b>	<b>D38999/</b>	<b>20</b>	<b>W</b>	<b>C</b>	<b>35</b>	<b>P</b>	<b>N</b>	
<b>Aero Prefix</b>	<b>AE3</b>	<b>20</b>	<b>W</b>	<b>C</b>	<b>35</b>	<b>P</b>	<b>N</b>	<b>-340</b>
<b>Shell Type (Specification Sheet Number)</b>								
20 = Wall mount receptacle								
24 = Jam nut receptacle								
26 = Self-locking, RFI grounding plug								
<b>Class (Material &amp; Finish)</b>								
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)								
<b>Shell Size</b>								
A, B, C, D, E, F, G, H or J								
<b>Insert Arrangement</b>								
See pages 60 thru 62								
<b>Contact Style</b>								
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)								
<b>Polarization (Keying)</b>								
N = Normal (Included in part number)								
A, B, C, D, or E								
<b>Modification (applies to Aero part numbers only)</b>								
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								

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\* 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.