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 flourocarbon 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.