

# MIL-DTL-5015 Series III /AS50151

## Part Number Development

### Rear Release



## Military and Aero-Electric Part Number Development

<b>Mil. Prefix</b>	<b>MS34</b>	<b>50</b>	<b>L</b>	<b>14S -</b>	<b>5</b>	<b>P</b>	<b>X</b>	
<b>Aero Prefix</b>	<b>AE5</b>	<b>50</b>	<b>L</b>	<b>14S -</b>	<b>5</b>	<b>P</b>	<b>X</b>	<b>-340</b>
<b>Shell Type</b>								
50 = Wall mount receptacle								
51 = Cable connecting receptacle								
52 = Box mount receptacle								
54 = Jam nut receptacle								
56 = Straight plug								
59 = Self-locking plug								
<b>Class (Material and Finish)</b>								
A = Aluminum shell, black anodized finish (Aero part number only)								
KS = Stainless steel shell, passivated, firewall (n/a in MS3451, MS3452, MS3454)								
KT = Carbon steel shell, cadmium finish, firewall (n/a in MS3451, MS3452, MS3454)								
LS = Stainless steel shell, passivated								
L = Aluminum shell, electroless nickel finish								
W = Aluminum shell, olive drab cadmium over electroless nickel base								
<b>Shell Size</b>								
8S, 10S, 10SL, 12, 12S, 14, 14S, 16, 16S, 18, 20, 22, 24, 28, 32, 36 or 40								
<b>Insert Arrangement</b>								
See pages 82 thru 87								
<b>Contact Style</b>								
P = Pin								
S = Socket								
A = Pin connector less pins (with intent to use non-std contact)								
B = Socket connector less sockets (with intent to use non-std contacts)								
<b>Polarization</b>								
N = Normal (not included in part number)								
W, X, Y or Z = Alternate insert polarizations (see pages 77 thru 81 for position availability)								
<b>Modification (applies to Aero part numbers only)</b>								
01 = Less contacts (is not marked on the part)								
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 contacts. No spares or seal plugs are provided with one contact layouts. No spares or seal plugs for contact sizes 0 and 4 are provided. For contact size 8, no contact spares are provided, but seal plugs are included. In addition, one insertion/removal tool of each size is included.

**Note 2:** KS and KT firewall classes are only available to Military part numbers for shell types MS3450, MS3456 and MS3459. KS and KT classes are available to Aero callouts for AE551 and 554, but not for AE552 (box mount receptacle).

**Note 3:** Proper part number marking has no "0" in front of single digit (numeric) shell size (8S) and no "0" in front of single digit layout. Examples: J MS3450W8S-1S and J MS3450W24-2PW. Please note that J or JAN marking is required immediately in front of MS part number.