Electrical Plug Connector - Page 1 of 2

AeroBase Group

View Online at https://aerobasegroup.com/nsn/5935-00-407-2509

2a and 2b <b>Thread Direction:</b> Right-hand and right-hand <b>Body Style:</b> Straight shape, internal coupling <b>Overall Length:</b> 1.842 inches <b>Overall Diameter:</b> 2.464 inches <b>Environmental Protection:</b> Pressure proof and moisture resistant and vibration resistant <b>Threaded Device Type:</b> Back shell and coupling facility <b>Mating End Quantity:</b> 1 <b>Contact Position Arrangement Style:</b> 36-3 single mating end all contact groupings <b>Contact Maximum Current Rating In Amps:</b> 41.0 single mating end all contact groupings <b>Contact Maximum Ac Voltage Rating In Volts:</b> 900.0 single mating end all contact groupings <b>Contact Maximum Dc Voltage Rating In Volts:</b> 901.0 single mating end all contact groupings <b>Contact Maximum Dc Voltage Rating In Volts:</b> 902.0 single mating end all contact groupings <b>Contact Maximum Dc Voltage Rating In Volts:</b> 903.0 single mating end all contact groupings <b>Contact Maximum Dc Voltage Rating In Volts:</b> 904.1 single mating end all contact groupings <b>Contact Maximum Dc Voltage Rating In Volts:</b> 90.0 single mating end all contact groupings <b>Contact Locking Method:</b> Insert Position In Deg:90.190.190.190.190.190.190.190.190.190.190.190.190.190.190.290.290.3 </th <th></th>	
Thread Direction:Right-hand and right-handBody Style:Straight shape, internal couplingOverall Length:1.842 inchesOverall Diameter:2.464 inchesEnvironmental Protection:Pressure proof and moisture resistant and vibration resistantThreaded Device Type:Back shell and coupling facilityMating End Quantity:1Contact Position Arrangement Style:36-3 single mating endContact Removability:Removable single mating end all contact groupingsContact Maximum Current Rating In Amps:41.0 single mating end all contact groupingsContact Maximum Ac Voltage Rating In Volts:900.0 single mating end all contact groupingsContact Maximum De Voltage Rating In Volts:1250.0 single mating end all contact groupingsPolarization Method:13Neway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidContact Locking Method:Internally threaded coupling ringThread Length:0.531 inches and 0.724 inchesThread Size:2.125 inches and 2.250 inches2.125 inches and 2.250 inches2.125 inches and 2.250 inches2.125 inches and 2.250 inches	Thread Class:
Right-hand and right-handBody Style:Straight shape, internal couplingOverall Length:1.842 inchesOverall Diameter:2.464 inchesEnvironmental Protection:Pressure proof and moisture resistant and vibration resistantThreaded Device Type:Back shell and coupling facilityMating End Quantity:1Contact Position Arrangement Style:36-3 single mating endContact Removability:Removable single mating end all contact groupingsContact Maximum Current Rating In Amps:41.0 single mating end all contact groupingsContact Maximum Ac Voltage Rating In Volts:900.0 single mating end all contact groupingsContact Maximum Dc Voltage Rating In Volts:12Stoll Type:30:0SolidContact Locking Method:Reyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidContact Length:0.531 inches and 0.724 inchesThread Length:0.531 inches and 0.724 inchesThread Size:2.125 inches and 2.250 inchesCitzi siches and 2.250 inchesCitzi siches and 2.250 inchesCitzi siches and 2.250 inchesCitzi siches and 2.250 inches	2a and 2b
Body Style:         Straight shape, internal coupling         Overall Length:         1.842 inches         Overall Diameter:         2.464 inches         Environmental Protection:         Pressure proof and moisture resistant and vibration resistant         Threaded Device Type:         Back shell and coupling facility         Mating End Quantity:         1         Contact Position Arrangement Style:         36-3 single mating end         Contact Removability:         Removable single mating end all contact groupings         Contact Maximum Current Rating In Amps:         41.0 single mating end all contact groupings         Polarization Method:         Reyway or multiple keyway         Polarization Method:         Keyway or multiple keyway         Insert Position In Deg:         0.0         Shell Type:         Solid         Connector Locking Method:         Internally threaded coupling ring         Thread Length:         0.531 inches and 0.724 inches         Thread Size:         2.125 inches and 0.7250 inches	
Straight shape, internal couplingOverall Length:1.842 inchesOverall Diameter:2.464 inchesEnvironmental Protection:Pressure proof and moisture resistant and vibration resistantThreaded Device Type:Back shell and coupling facilityMating End Quantity:1Contact Position Arrangement Style:36-3 single mating endContact Removability:Removable single mating end all contact groupingsContact Maximum Current Rating In Amps:41.0 single mating end all contact groupingsContact Maximum Current Rating In Volts:900.0 single mating end all contact groupingsPolarization Method:Keyway or multiple keywayInsert Position In Deg:0.0SolidConnect Clocking Method:SolidContact Locking Method:Internally threaded coupling ringThread Length:0.531 inches and 0.724 inchesThread Size:2.125 inches and 2.250 inches2.125 inches and 2.250 inches	Right-hand and right-hand
Overall Length:1.842 inchesOverall Diameter:2.464 inchesEnvironmental Protection:Pressure proof and moisture resistant and vibration resistantThreaded Device Type:Back shell and coupling facilityMating End Quantity:1Contact Position Arrangement Style:36-3 single mating endContact Removability:Removable single mating end all contact groupingsContact Maximum Current Rating In Amps:41.0 single mating end all contact groupingsContact Maximum Ac Voltage Rating In Volts:900.0 single mating end all contact groupingsContact Maximum Dc Voltage Rating In Volts:1250.0 single mating end all contact groupingsPolarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Internally threaded coupling ringThread Length:0.531 inches and 0.724 inchesThread Size:2.125 inches and 2.250 inches2.125 inches and 2.250 inches	Body Style:
1.842 inchesOverall Diameter:2.464 inchesEnvironmental Protection:Pressure proof and moisture resistant and vibration resistantThreaded Device Type:Back shell and coupling facilityMating End Quantity:1Contact Position Arrangement Style:36-3 single mating endContact Removability:Removable single mating end all contact groupingsContact Maximum Current Rating In Amps:41.0 single mating end 1st contact groupingsContact Maximum Ac Voltage Rating In Volts:900.0 single mating end all contact groupingsContact Maximum Dc Voltage Rating In Volts:1250.0 single mating end all contact groupingsPolarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Internally threaded coupling ringThread Length:0.531 inches and 0.724 inchesThread Size:2.125 inches and 2.250 inches2.125 inches and 2.250 inches	
Overall Diameter:2.464 inchesEnvironmental Protection:Pressure proof and moisture resistant and vibration resistantThreaded Device Type:Back shell and coupling facilityMating End Quantity:1Contact Position Arrangement Style:36-3 single mating endContact Removability:Removable single mating end all contact groupingsContact Maximum Current Rating In Amps:41.0 single mating end 1st contact groupingsContact Maximum Current Rating In Volts:900.0 single mating end all contact groupingsContact Maximum Dc Voltage Rating In Volts:900.0 single mating end all contact groupingsPolarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Internally threaded coupling ringThread Length:0.531 inches and 0.724 inchesThready Qty Per Inch (tpi):16 and 16Thread Size:2.125 inches and 2.250 inchesTerminal Location:	-
2.464 inches Environmental Protection: Pressure proof and moisture resistant and vibration resistant Threaded Device Type: Back shell and coupling facility Mating End Quantity: 1 Contact Position Arrangement Style: 36-3 single mating end Contact Removability: Removable single mating end all contact groupings Contact Maximum Current Rating In Amps: 41.0 single mating end 1 st contact groupings Contact Maximum Ac Voltage Rating In Volts: 900.0 single mating end all contact groupings Contact Maximum Dc Voltage Rating In Volts: 1250.0 single mating end all contact groupings Polarization Method: Keyway or multiple keyway Insert Position In Deg: 0.0 Shell Type: Solid Connector Locking Method: Internally threaded coupling ring Thread Length: 0.531 inches and 0.724 inches Thready Qty Per Inch (tpi): 16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	1.842 inches
Environmental Protection:Pressure proof and moisture resistant and vibration resistantThreaded Device Type:Back shell and coupling facilityMating End Quantity:1Contact Position Arrangement Style:36-3 single mating endContact Removability:Removable single mating end all contact groupingsContact Maximum Current Rating In Amps:41.0 single mating end 1st contact groupingsContact Maximum Ac Voltage Rating In Volts:900.0 single mating end all contact groupingsContact Maximum Dc Voltage Rating In Volts:1250.0 single mating end all contact groupingsPolarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Internally threaded coupling ringThread Length:0.531 inches and 0.724 inchesThread Size:2.125 inches and 2.250 inchesTurenal Location:	Overall Diameter:
Pressure proof and moisture resistant and vibration resistant <b>Threaded Device Type:</b> Back shell and coupling facility <b>Mating End Quantity:</b> 1 <b>Contact Position Arrangement Style:</b> 36-3 single mating end <b>Contact Removability:</b> Removable single mating end all contact groupings <b>Contact Maximum Current Rating In Amps:</b> 41.0 single mating end 1st contact groupings <b>Contact Maximum Ac Voltage Rating In Volts:</b> 900.0 single mating end all contact groupings <b>Contact Maximum Dc Voltage Rating In Volts:</b> 1250.0 single mating end all contact groupings <b>Polarization Method:</b> Keyway or multiple keyway <b>Insert Position In Deg:</b> 0.0Shell <b>Type:</b> Solid <b>Connector Locking Method:</b> 1.10.531 inches and 0.724 inchesThread Length:0.531 inches and 2.250 inches2.125 inches and 2.250 inchesTerminal Location:	2.464 inches
Threaded Device Type:Back shell and coupling facilityMating End Quantity:1Contact Position Arrangement Style:36-3 single mating endContact Removability:Removable single mating end all contact groupingsContact Maximum Current Rating In Amps:41.0 single mating end 1st contact groupingsContact Maximum Ac Voltage Rating In Volts:900.0 single mating end all contact groupingsContact Maximum Dc Voltage Rating In Volts:1250.0 single mating end all contact groupingsPolarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Internally threaded coupling ringThread Length:0.531 inches and 0.724 inchesThread Size:2.125 inches and 2.250 inchesTerminal Location:	Environmental Protection:
Back shell and coupling facilityMating End Quantity:1Contact Position Arrangement Style:36-3 single mating endContact Removability:Removable single mating end all contact groupingsContact Maximum Current Rating In Amps:41.0 single mating end 1st contact groupingsContact Maximum Ac Voltage Rating In Volts:900.0 single mating end all contact groupingsContact Maximum Dc Voltage Rating In Volts:1250.0 single mating end all contact groupingsPolarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Internally threaded coupling ringThread Length:0.531 inches and 0.724 inchesThready Qty Per Inch (tpi):16 and 16Thread Size:2.125 inches and 2.250 inchesTerminal Location:	Pressure proof and moisture resistant and vibration resistant
Mating End Quantity:1Contact Position Arrangement Style:36-3 single mating endContact Removability:Removable single mating end all contact groupingsContact Maximum Current Rating In Amps:41.0 single mating end 1st contact groupingContact Maximum Ac Voltage Rating In Volts:900.0 single mating end all contact groupingsContact Maximum Dc Voltage Rating In Volts:1250.0 single mating end all contact groupingsPolarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Internally threaded coupling ringThread Length:0.531 inches and 0.724 inchesThread J and 16Thread Size:2.125 inches and 2.250 inchesTerminal Location:	Threaded Device Type:
1Contact Position Arrangement Style:36-3 single mating endContact Removability:Removable single mating end all contact groupingsContact Maximum Current Rating In Amps:41.0 single mating end 1st contact groupingContact Maximum Ac Voltage Rating In Volts:900.0 single mating end all contact groupingsContact Maximum Dc Voltage Rating In Volts:1250.0 single mating end all contact groupingsPolarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Internally threaded coupling ringThread Length:0.531 inches and 0.724 inchesThready Qty Per Inch (tpi):16 and 16Thread Size:2.125 inches and 2.250 inchesTerminal Location:	Back shell and coupling facility
Contact Position Arrangement Style:36-3 single mating endContact Removability:Removable single mating end all contact groupingsContact Maximum Current Rating In Amps:41.0 single mating end 1st contact groupingContact Maximum Ac Voltage Rating In Volts:900.0 single mating end all contact groupingsContact Maximum Dc Voltage Rating In Volts:1250.0 single mating end all contact groupingsPolarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Internally threaded coupling ringThread Length:0.531 inches and 0.724 inchesThread Size:2.125 inches and 2.250 inchesTerminal Location:	Mating End Quantity:
<ul> <li>36-3 single mating end</li> <li>Contact Removability:</li> <li>Removable single mating end all contact groupings</li> <li>Contact Maximum Current Rating In Amps:</li> <li>41.0 single mating end 1st contact grouping</li> <li>Contact Maximum Ac Voltage Rating In Volts:</li> <li>900.0 single mating end all contact groupings</li> <li>Contact Maximum Dc Voltage Rating In Volts:</li> <li>1250.0 single mating end all contact groupings</li> <li>Polarization Method:</li> <li>Keyway or multiple keyway</li> <li>Insert Position In Deg:</li> <li>0.0</li> <li>Shell Type:</li> <li>Solid</li> <li>Connector Locking Method:</li> <li>Internally threaded coupling ring</li> <li>Thread Length:</li> <li>0.531 inches and 0.724 inches</li> <li>Thready Qty Per Inch (tpi):</li> <li>16 and 16</li> <li>Thread Size:</li> <li>2.125 inches and 2.250 inches</li> </ul>	1
Contact Removability:Removable single mating end all contact groupingsContact Maximum Current Rating In Amps:41.0 single mating end 1st contact groupingContact Maximum Ac Voltage Rating In Volts:900.0 single mating end all contact groupingsContact Maximum Dc Voltage Rating In Volts:900.0 single mating end all contact groupingsContact Maximum Dc Voltage Rating In Volts:1250.0 single mating end all contact groupingsPolarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Internally threaded coupling ringThread Length:0.531 inches and 0.724 inchesThready Qty Per Inch (tpi):16 and 16Thread Size:2.125 inches and 2.250 inchesTerminal Location:	Contact Position Arrangement Style:
Removable single mating end all contact groupingsContact Maximum Current Rating In Amps:41.0 single mating end 1st contact groupingContact Maximum Ac Voltage Rating In Volts:900.0 single mating end all contact groupingsContact Maximum Dc Voltage Rating In Volts:1250.0 single mating end all contact groupingsPolarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Internally threaded coupling ringThread Length:0.531 inches and 0.724 inchesThread Size:2.125 inches and 2.250 inchesTerminal Location:	36-3 single mating end
Contact Maximum Current Rating In Amps: 41.0 single mating end 1st contact grouping Contact Maximum Ac Voltage Rating In Volts: 900.0 single mating end all contact groupings Contact Maximum Dc Voltage Rating In Volts: 1250.0 single mating end all contact groupings Polarization Method: Keyway or multiple keyway Insert Position In Deg: 0.0 Shell Type: Solid Connector Locking Method: Internally threaded coupling ring Thread Length: 0.531 inches and 0.724 inches Thready Qty Per Inch (tpi): 16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	Contact Removability:
41.0 single mating end 1st contact grouping Contact Maximum Ac Voltage Rating In Volts: 900.0 single mating end all contact groupings Contact Maximum Dc Voltage Rating In Volts: 1250.0 single mating end all contact groupings Polarization Method: Keyway or multiple keyway Insert Position In Deg: 0.0 Shell Type: Solid Connector Locking Method: Internally threaded coupling ring Thread Length: 0.531 inches and 0.724 inches Thready Qty Per Inch (tpi): 16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	Removable single mating end all contact groupings
Contact Maximum Ac Voltage Rating In Volts: 900.0 single mating end all contact groupings Contact Maximum Dc Voltage Rating In Volts: 1250.0 single mating end all contact groupings Polarization Method: Keyway or multiple keyway Insert Position In Deg: 0.0 Shell Type: Solid Connector Locking Method: Internally threaded coupling ring Thread Length: 0.531 inches and 0.724 inches Thready Qty Per Inch (tpi): 16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	Contact Maximum Current Rating In Amps:
900.0 single mating end all contact groupings Contact Maximum Dc Voltage Rating In Volts: 1250.0 single mating end all contact groupings Polarization Method: Keyway or multiple keyway Insert Position In Deg: 0.0 Shell Type: Solid Connector Locking Method: Internally threaded coupling ring Thread Length: 0.531 inches and 0.724 inches Thready Qty Per Inch (tpi): 16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	41.0 single mating end 1st contact grouping
Contact Maximum Dc Voltage Rating In Volts: 1250.0 single mating end all contact groupings Polarization Method: Keyway or multiple keyway Insert Position In Deg: 0.0 Shell Type: Solid Connector Locking Method: Internally threaded coupling ring Thread Length: 0.531 inches and 0.724 inches Thready Qty Per Inch (tpi): 16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	Contact Maximum Ac Voltage Rating In Volts:
1250.0 single mating end all contact groupings Polarization Method: Keyway or multiple keyway Insert Position In Deg: 0.0 Shell Type: Solid Connector Locking Method: Internally threaded coupling ring Thread Length: 0.531 inches and 0.724 inches Thready Qty Per Inch (tpi): 16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	900.0 single mating end all contact groupings
Polarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Internally threaded coupling ringThread Length:0.531 inches and 0.724 inchesThready Qty Per Inch (tpi):16 and 16Thread Size:2.125 inches and 2.250 inchesTerminal Location:	Contact Maximum Dc Voltage Rating In Volts:
Keyway or multiple keyway Insert Position In Deg: 0.0 Shell Type: Solid Connector Locking Method: Internally threaded coupling ring Thread Length: 0.531 inches and 0.724 inches Thready Qty Per Inch (tpi): 16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	1250.0 single mating end all contact groupings
Insert Position In Deg: 0.0 Shell Type: Solid Connector Locking Method: Internally threaded coupling ring Thread Length: 0.531 inches and 0.724 inches Thready Qty Per Inch (tpi): 16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	Polarization Method:
0.0 Shell Type: Solid Connector Locking Method: Internally threaded coupling ring Thread Length: 0.531 inches and 0.724 inches Thready Qty Per Inch (tpi): 16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	Keyway or multiple keyway
Shell Type:SolidConnector Locking Method:Internally threaded coupling ringThread Length:0.531 inches and 0.724 inchesThready Qty Per Inch (tpi):16 and 16Thread Size:2.125 inches and 2.250 inchesTerminal Location:	Insert Position In Deg:
Solid Connector Locking Method: Internally threaded coupling ring Thread Length: 0.531 inches and 0.724 inches Thready Qty Per Inch (tpi): 16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	0.0
Connector Locking Method: Internally threaded coupling ring Thread Length: 0.531 inches and 0.724 inches Thready Qty Per Inch (tpi): 16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	Shell Type:
Internally threaded coupling ring Thread Length: 0.531 inches and 0.724 inches Thready Qty Per Inch (tpi): 16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	Solid
Thread Length: 0.531 inches and 0.724 inches Thready Qty Per Inch (tpi): 16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	Connector Locking Method:
0.531 inches and 0.724 inches Thready Qty Per Inch (tpi): 16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	Internally threaded coupling ring
Thready Qty Per Inch (tpi): 16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	Thread Length:
16 and 16 Thread Size: 2.125 inches and 2.250 inches Terminal Location:	0.531 inches and 0.724 inches
Thread Size: 2.125 inches and 2.250 inches Terminal Location:	Thready Qty Per Inch (tpi):
2.125 inches and 2.250 inches Terminal Location:	16 and 16
Terminal Location:	Thread Size:
	2.125 inches and 2.250 inches
Back single mating end all contact groupings	Terminal Location:
back single mating that an contact groupings	Back single mating end all contact groupings

## NSN 5935-00-407-2509

Electrical Plug Connector - Page 2 of 2



## **Contact Material:** Copper alloy single mating end all contact groupings **Contact Surface Treatment:** Gold single mating end single contact grouping **Insert Material:** Plastic single mating end **Contact Surface Treatment Specification:** Mil-g-45204 military specification all treatment responses single mating end all contact groupings **Terminal Type:** Crimp single mating end all contact groupings Shell Material: Aluminum alloy **Included Contact Quantity:** 3 single mating end 2nd contact grouping **Included Contact Type:** Round socket single mating end all contact groupings **Precious Material And Location:** Contact surface gold **Precious Material And Weight:** 0.030 gold grains, troy **Precious Material:** Gold **Test Data Document:** 81349-mil-c-83723 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.). **Thread Series Designator:** Un and un **Specification Data:** 81349-mil-c-83723/23 government specification Shelf Life: N/a Unit Of Measure: **Demilitarization:** No Fiig: A039b0 Mil-std (military Standard): Mil-g-45204 spec.