Electrical Plug Connector - Page 1 of 2

AeroBase Group

View Online at https://aerobasegroup.com/nsn/5935-01-112-3881

Thread Class: 2a Thread Direction: Right-hand Body Style: Straight shape, internal coupling Overall Length: Between 1.301 inches and 1.321 inches Overall Diameter: Between 1.729 inches and 1.749 inches Environmental Protection: Moisture proof and salt water resistant and shock proof and vibration proof Threaded Device Type: Back shell Mating End Quantity: 1 Contact Position Arrangement Style: 22-121 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 66.0 and 140.0 and 200.0 and 257.0 Shell Type: Solid Contact Locking Method: Bayonet latch Mating Charlon (tpi): 23
Thread Direction:         Right-hand         Body Style:         Straight shape, internal coupling         Overall Length:         Between 1.301 inches and 1.321 inches         Overall Diameter:         Between 1.729 inches and 1.749 inches         Environmental Protection:         Moisture proof and salt water resistant and shock proof and vibration proof         Threaded Device Type:         Back shell         Maing End Quantity:         1         Contact Position Arrangement Style:         22-121 single mating end         Contact Removability:         Removable single mating end single contact grouping         Polarization Method:         Keyway or multiple keyway         Bact 1.0.0 and 200.0 and 257.0         Shell Type:         Solid         Connector Locking Method:         Rayonet latch
Right-hand         Body Style:         Straight shape, internal coupling         Overall Length:         Between 1.301 inches and 1.321 inches         Overall Diameter:         Between 1.729 inches and 1.749 inches         Environmental Protection:         Moisture proof and salt water resistant and shock proof and vibration proof         Threaded Device Type:         Back shell         Mating End Quantity:         1         Contact Position Arrangement Style:         22-121 single mating end         Contact Removability:         Removable single mating end single contact grouping         Polarization Method:         Keyway or multiple keyway         Back on 140.0 and 200.0 and 257.0         Shell Type:         Solid         Connector Locking Method:         Bayonet latch         Bayonet latch
Body Style:         Straight shape, internal coupling         Overall Length:         Between 1.301 inches and 1.321 inches         Overall Diameter:         Between 1.729 inches and 1.749 inches         Environmental Protection:         Moisture proof and salt water resistant and shock proof and vibration proof         Threaded Device Type:         Back shell         Mating End Quantity:         1         Contact Position Arrangement Style:         22-121 single mating end         Contact Removability:         Removable single mating end single contact grouping         Polarization Method:         Keyway or multiple keyway         Back and 140.0 and 200.0 and 257.0         Shell Type:         Solid         Connector Locking Method:         Bayonet latch         Bayonet latch
Straight shape, internal coupling         Overall Length:         Between 1.301 inches and 1.321 inches         Overall Diameter:         Between 1.729 inches and 1.749 inches         Environmental Protection:         Moisture proof and salt water resistant and shock proof and vibration proof         Threaded Device Type:         Back shell         Mating End Quantity:         1         Contact Position Arrangement Style:         22-121 single mating end         Contact Removability:         Removable single mating end single contact grouping         Polarization Method:         Keyway or multiple keyway         Besting In Deg:         6.0. and 140.0 and 200.0 and 257.0         Shell Type:         Solid         Connector Locking Method:         Rayonet latch         Payonet latch
Overall Length:         Between 1.301 inches and 1.321 inches         Overall Diameter:         Between 1.729 inches and 1.749 inches         Environmental Protection:         Moisture proof and salt water resistant and shock proof and vibration proof         Threaded Device Type:         Back shell         Mating End Quantity:         1         Contact Position Arrangement Style:         22-121 single mating end         Contact Removability:         Removable single mating end single contact grouping         Polarization Method:         Keyway or multiple keyway         Insert Position In Deg:         66.0 and 140.0 and 200.0 and 257.0         Shell Type:         Solid         Connector Locking Method:         Bayonet latch         Type Latch         Bayonet latch
Between 1.301 inches and 1.321 inches         Overall Diameter:         Between 1.729 inches and 1.749 inches         Environmental Protection:         Moisture proof and salt water resistant and shock proof and vibration proof         Threaded Device Type:         Back shell         Mating End Quantity:         1         Contact Position Arrangement Style:         22-121 single mating end         Contact Removability:         Removable single mating end single contact grouping         Polarization Method:         Keyway or multiple keyway         Insert Position In Deg:         6.0 and 140.0 and 200.0 and 257.0         Shell Type:         Solid         Connector Locking Method:         Bayonet latch         Thready Qty Per Inch (tpi):
Overall Diameter:Between 1.729 inches and 1.749 inchesEnvironmental Protection:Moisture proof and salt water resistant and shock proof and vibration proofThreaded Device Type:Back shellMating End Quantity:1Contact Position Arrangement Style:22-121 single mating endContact Removability:Removable single mating end single contact groupingPolarization Method:Keyway or multiple keywayInsert Position I Deg:6.0 and 140.0 and 200.0 and 257.0Shell Type:SolidConnector Locking Method:Bayonet latchThready Qty Per Inch (tpi):
Between 1.729 inches and 1.749 inches Environmental Protection: Moisture proof and salt water resistant and shock proof and vibration proof Threaded Device Type: Back shell Mating End Quantity: 1 Contact Position Arrangement Style: 22-121 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 66.0 and 140.0 and 200.0 and 257.0 Shell Type: Solid Connector Locking Method: Bayonet latch Bayonet latch
Environmental Protection: Moisture proof and salt water resistant and shock proof and vibration proof Threaded Device Type: Back shell Mating End Quantity: 1 Contact Position Arrangement Style: 22-121 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 66.0 and 140.0 and 200.0 and 257.0 Shell Type: Solid Connector Locking Method: Bayonet latch Thready Qty Per Inch (tpi):
Moisture proof and salt water resistant and shock proof and vibration proof Threaded Device Type: Back shell Mating End Quantity: 1 Contact Position Arrangement Style: 22-121 single mating end 22-121 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 66.0 and 140.0 and 200.0 and 257.0 Shell Type: Solid Connector Locking Method: Bayonet latch Thready Qty Per Inch (tpi):
Threaded Device Type:Back shellMating End Quantity:11Contact Position Arrangement Style:22-121 single mating endContact Removability:Removable single mating end single contact groupingPolarization Method:Keyway or multiple keywayInsert Position In Deg:66.0 and 140.0 and 200.0 and 257.0Shell Type:SolidConnector Locking Method:Bayonet latchThready Qty Per Inch (tpi):
Back shellMating End Quantity:1Contact Position Arrangement Style:22-121 single mating end22-121 single mating endContact Removability:Removable single mating end single contact groupingPolarization Method:Keyway or multiple keywayInsert Position In Deg:66.0 and 140.0 and 200.0 and 257.0Shell Type:SolidConnector Locking Method:Bayonet latchThready Qty Per Inch (tpi):
Mating End Quantity:         1         Contact Position Arrangement Style:         22-121 single mating end         Contact Removability:         Removable single mating end single contact grouping         Polarization Method:         Keyway or multiple keyway         Insert Position In Deg:         66.0 and 140.0 and 200.0 and 257.0         Shell Type:         Solid         Connector Locking Method:         Bayonet latch         Thready Qty Per Inch (tpi):
1         Contact Position Arrangement Style:         22-121 single mating end         22-121 single mating end         Contact Removability:         Removable single mating end single contact grouping         Polarization Method:         Keyway or multiple keyway         Insert Position In Deg:         66.0 and 140.0 and 200.0 and 257.0         Shell Type:         Solid         Connector Locking Method:         Bayonet latch         Thready Qty Per Inch (tpi):
Contact Position Arrangement Style:22-121 single mating end22-121 single mating endContact Removability:Removable single mating end single contact groupingPolarization Method:Keyway or multiple keywayInsert Position In Deg:66.0 and 140.0 and 200.0 and 257.0Shell Type:SolidConnector Locking Method:Bayonet latchThready Qty Per Inch (tpi):
22-121 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 66.0 and 140.0 and 200.0 and 257.0 Shell Type: Solid Connector Locking Method: Bayonet latch Thready Qty Per Inch (tpi):
Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 66.0 and 140.0 and 200.0 and 257.0 Shell Type: Solid Connector Locking Method: Bayonet latch Thready Qty Per Inch (tpi):
Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 66.0 and 140.0 and 200.0 and 257.0 Shell Type: Solid Connector Locking Method: Bayonet latch Thready Qty Per Inch (tpi):
Polarization Method:Keyway or multiple keywayInsert Position In Deg:66.0 and 140.0 and 200.0 and 257.0Shell Type:SolidConnector Locking Method:Bayonet latchThready Qty Per Inch (tpi):
Keyway or multiple keyway Insert Position In Deg: 66.0 and 140.0 and 200.0 and 257.0 Shell Type: Solid Connector Locking Method: Bayonet latch Thready Qty Per Inch (tpi):
Insert Position In Deg: 66.0 and 140.0 and 200.0 and 257.0 Shell Type: Solid Connector Locking Method: Bayonet latch Thready Qty Per Inch (tpi):
66.0 and 140.0 and 200.0 and 257.0 Shell Type: Solid Connector Locking Method: Bayonet latch Thready Qty Per Inch (tpi):
Shell Type:         Solid         Connector Locking Method:         Bayonet latch         Thready Qty Per Inch (tpi):
Solid Connector Locking Method: Bayonet latch Thready Qty Per Inch (tpi):
Connector Locking Method: Bayonet latch Thready Qty Per Inch (tpi):
Bayonet latch Thready Qty Per Inch (tpi):
Thready Qty Per Inch (tpi):
28
Thread Size:
1.375 inches
Terminal Location:
Back single mating end single contact grouping
Contact Material:
Copper alloy single mating end single contact grouping
Contact Surface Treatment:
Gold single mating end single contact grouping
Contact Surface Treatment Specification:
Contact Surface Treatment Specification:

# NSN 5935-01-112-3881

Electrical Plug Connector - Page 2 of 2



#### Shell Material:

Aluminum alloy 6061

## Shell Surface Treatment:

Nickel

## Shell Surface Treatment Specification:

Mil-c-26074, cl 3, gr a military specification single treatment response

## **Shell Material Specification:**

Qq-a-367, t-6 federal specification single material response

#### **Included Contact Quantity:**

121 single mating end single contact grouping

#### Included Contact Type:

Round pin single mating end single contact grouping

#### **Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:** 

0.121 gold grains, troy

#### **Precious Material:**

Gold

#### **Test Data Document:**

81349-mil-c-81511 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

# Specification Data: 81349-mil-c-81511/46 government specification

**Shelf Life:** N/a

Unit Of Measure:

```
---
```

#### Demilitarization:

No

Fiig:

A039b0

#### Mil-std (military Standard):

Mil-g-45204 spec.