## NSN 5935-00-417-4591

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-417-4591 **Thread Pitch Diameters:** +0.200/+0.240 inches **Thread Direction:** Right-hand **Body Style:** Straight shape, external coupling **Overall Length:** 1.009 inches **Overall Height:** 0.954 inches **Overall Width:** 0.954 inches **Environmental Protection:** Moisture proof and salt water resistant and vibration proof **Unthreaded Mounting Hole Diameter:** Between 0.115 inches and 0.130 inches **Center To Center Distance Between Mounting Facilities Parallel To Height:** 0.719 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: 0.719 inches **Distance From Mounting Shoulder To Front Face:** Between 0.442 inches and 0.447 inches **Threaded Device Type:** Back shell **Mating End Quantity:** 1 **Contact Position Arrangement Style:** 10-5 single mating end **Contact Removability:** Removable single mating end single contact grouping **Polarization Method:** Keyway or multiple keyway **Insert Position In Deg:** 0.0 Shell Type: Solid **Connector Locking Method:** Bayonet pin Thready Qty Per Inch (tpi):

24

**Thread Size:** 

0.542 inches

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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 and silver single mating end single contact grouping
Terminal Type:
Crimp single mating end single contact grouping
Shell Material:
Aluminum alloy
Shell Surface Treatment:
Cadmium and chromate
Included Contact Quantity:
5 single mating end single contact grouping
Included Contact Type:
Round socket single mating end single contact grouping
Precious Material And Location:
Contact surfaces gold and contact surfaces silver
Precious Material And Weight:
0.025 gold grains, troy and 0.025 silver grains, troy
Precious Material:
Gold and silver
Test Data Document:
81349-mil-c-38999 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:
Uns
Specification Data:
81349-mil-c-38999 government specification
Shelf Life:
N/a
Unit Of Measure:
<del></del>
Demilitarization:
No