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Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-128-2251

Thread Class: 2a and 2a **Thread Direction:** Right-hand and right-hand **Body Style:** Straight shape, external coupling **Overall Length:** 1.490 inches **Overall Diameter:** 2.160 inches **Environmental Protection:** Humidity resistant and salt water resistant and shock resistant and vibration resistant **Distance From Mounting Shoulder To Front Face:** Between 0.761 inches and 0.781 inches **Mounting Facility Thickness:** Between 0.062 inches and 0.125 inches **Threaded Device Type:** Back shell and mounting bushing **Mating End Quantity: Contact Position Arrangement Style:** 24-57 single mating end **Contact Removability:** Removable single mating end all contact groupings **Contact Maximum Current Rating In Amps:** 41.0 single mating end 1st contact grouping **Contact Maximum Ac Voltage Rating In Volts:** 500.0 single mating end all contact groupings **Contact Maximum Dc Voltage Rating In Volts:** 700.0 single mating end all contact groupings **Polarization Method:** Key, multiple key groove **Insert Position In Deg:** 24.0 and 135.0 and 199.0 and 240.0 **Shell Type:** Solid **Connector Locking Method:** Bayonet pin **Thread Size:** 1.438 inches and 1.625 inches **Terminal Location:** Back single mating end all contact groupings

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Contact Surface Treatment:
Gold single mating end all contact groupings
Insert Material:
Plastic single mating end
Contact Surface Treatment Specification:
Mil-g-45204 military specification single treatment response single mating end all contact groupings
Terminal Type:
Crimp single mating end all contact groupings
Shell Material:
Aluminum alloy
Shell Surface Treatment:
Nickel
Shell Surface Treatment Specification:
Mil-c-26074, class 3 or 4, grade b military specification single treatment response
Shell Material Specification:
Qq-a-376 federal specification single material response
Included Contact Quantity:
55 single mating end 2nd contact grouping
Bushing Accommodation Hole Shape:
Round w/flat
Included Contact Type:
Round pin single mating end all contact groupings
Special Features:
Furnished items - preformed packing
Precious Material And Location:
Contact surfaces gold
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:
Unef and unef
Shelf Life:
N/a
Unit Of Measure:

Demilitarization:
No

Mil-g-45204 spec.

Mil-std (military Standard):

Fiig: A039b0