Electrical Receptacle Connector - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5935-00-822-4179

Thread Class:
2b
Thread Direction:
Right-hand
Body Style:
Straight shape, external coupling strain relief
Overall Height:
Between 1.469 inches and 1.531 inches
Overall Width:
Between 1.469 inches and 1.531 inches
Body Length:
1.781 inches
Environmental Protection:
Moisture resistant and pressure proof and vibration resistant
Unthreaded Mounting Hole Diameter:
0.120 inches
Center To Center Distance Between Mounting Facilities Parallel To Height:
Between 1.214 inches and 1.224 inches
Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:
Between 1.214 inches and 1.224 inches
Cable Entrance Diameter:
0.561 inches
Distance From Mounting Shoulder To Front Face:
0.375 inches
Threaded Device Type:
Coupling facility
Mating End Quantity:
1
Contact Position Arrangement Style:
"1920, 19-20" single mating end
Contact Removability:
Removable single mating end all contact groupings
Contact Maximum Current Rating In Amps:
10.0 single mating end all contact groupings
Contact Maximum Ac Voltage Rating In Volts:
700.0 single mating end 1st contact grouping
Contact Maximum Dc Voltage Rating In Volts:
900.0 single mating end 2nd contact grouping
Polarization Method:
Keyway or multiple keyway
Insert Position In Deg:
0.0

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Shell Type: Solid **Connector Locking Method:** Bayonet pin **Connector Cable Strain Relief Method:** Cable clamp **Thread Length:** 0.391 inches Thready Qty Per Inch (tpi): 6 **Thread Size:** 1.188 inches **Terminal Location:** Back single mating end all contact groupings **Contact Surface Treatment:** Gold single mating end all contact groupings and silver single mating end all contact groupings **Insert Material:** Plastic polyamide single mating end **Terminal Type:** Crimp single mating end all contact groupings **Shell Material:** Aluminum alloy **Shell Surface Treatment:** Cadmium Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification single treatment response **Insert Material Specification:** Mil-p-17091 military specification single material response single mating end **Included Contact Quantity:** 3 single mating end 2nd contact grouping **Included Contact Type:** Round pin single mating end all contact groupings **Precious Material And Location:** Contact surfaces gold and contact surfaces silver **Precious Material And Weight:** 0.020 gold grains, troy and 0.020 silver grains, troy **Precious Material:** Gold and silver **Test Data Document:** 81349-mil-c-25955 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:

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Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

## Mil-std (military Standard):

Mil-p-17091 spec.