Electrical Receptacle Connector - Page 1 of 2

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## Thread Class:

2a
Thread Direction:
Right-hand
Body Style:
Straight shape, external coupling

## Overall Length:

29.7 millimeters

## Overall Height:

Between 23.5 millimeters and 24.1 millimeters

## Overall Width:

Between 23.5 millimeters and 24.1 millimeters

## Environmental Protection:

Moisture proof and salt water resistant and vibration proof and corrosion resistant and dust resistant and fuel resistant and fungus resistant and humidity resistant and oil resistant and shock resistant and thermal shock resistant and vibration resistant and hermetic

## Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 15.09 millimeters and 18.26 millimeters
Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:
Between 15.09 millimeters and 18.26 millimeters

## Distance From Mounting Shoulder To Front Face:

21.4 millimeters

Threaded Device Type:
Coupling facility
Mating End Quantity:
1
Contact Position Arrangement Style:
13028 single mating end
Contact Removability:
Nonremovable single mating end single contact grouping
Polarization Method:
Keyway or multiple keyway
Insert Position In Deg:
0.0 and 48.0 and 130.0 and 242.0 and 280.0

Shell Type:
Solid
Connector Locking Method:
Externally threaded shell
Thready Qty Per Inch (tpi):
10
Thread Size:
0.625 inches

## Terminal Location:

Back single mating end single contact grouping

## Contact Material:

Nickel single mating end single contact grouping and iron alloy 52 single mating end single contact grouping

## Contact Surface Treatment:

Gold single mating end single contact grouping
Insert Material:
Plastic epoxy single mating end

## Terminal Type:

Solder well single mating end single contact grouping
Shell Material:
Stainless steel
Shell Surface Treatment:
Passivate
Included Contact Quantity:
6 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:
Gold

## Test Data Document:

81349-mil-dtl-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:

Special acme

## Specification Data:

81349 - mil-dtl-38999/21 government specification

## Shelf Life:

N/a
Unit Of Measure:

## Demilitarization:

No
Fiig:
A039b0

