## NSN 5935-01-085-4539

Electrical Plug Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-085-4539

Thread Class:
2a and 2b
Thread Direction:
Right-hand
Body Style:
Straight shape w/screw locks
Overall Length:
2.850 inches
Overall Height:
0.812 inches
Overall Width:
1.365 inches
Environmental Protection:
Humidity resistant and shock resistant and thermal shock resistant and vibration resistant
Threaded Device Type:
Coupling facility
Mating End Quantity:
1
Contact Position Arrangement Style:
75 single mating end
Contact Removability:
Removable single mating end single contact grouping
Contact Maximum Current Rating In Amps:
13.0 single mating end single contact grouping
Polarization Method:
Jackscrew and shell
Shell Type:
Solid
Connector Locking Method:
Jackscrew-socket
Thready Qty Per Inch (tpi):
32
Thread Size:
0.138 inches
Terminal Location:
Back single mating end single contact grouping
Contact Surface Treatment:
Gold single mating end single contact grouping
Insert Material:
Plastic diallyl phthalate single mating end
Contact Surface Treatment Specification:
Mil-g-45204, type 1, grade c military specification single treatment response single mating end single contact grouping

## **NSN 5935-01-085-4539**Electrical Plug Connector - Page 2 of 2



Shell Material: Aluminum alloy Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Oq-p-416, type 2, cl 1 federal specification single treatment response Insert Material Specification: Mill-m-14, ty sdg-f military specification single material response single mating end Shell Guide Type And Location Designator: E pin Included Contact Quantity: 75 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: 0.075 gold grains, trey Precious Material: Gold Tiest Data Document: 81349-mill-c28748 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: Unc Specification Data: 81349-mill-c28748/3 government specification Shelf Life: N/a Unit Of Measure:	Terminal Type:
Aluminum alloy  Shell Surface Treatment: Cadminum  Shell Surface Treatment Specification: Qq-p-416, type 2, cl 1 federal specification single treatment response Insert Material Specification: Mit-m-14, ty sdg-fmilitary specification single material response single mating end  Shell Guide Type And Location Designator: E pin Included Contact Quantity: 75 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: 0.075 gold grains, troy  Precious Material And Weight: Gold  Test Data Document: 81349-mil-c-28748 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.).  Throad Series Designator: Unc Specification Data: 81349-mil-c-28748/3 government specification Shelf Life: N/a Unit of Measure:	Crimp single mating end single contact grouping
Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Oq-p-416, type 2, cl 1 federal specification single treatment response Insert Material Specification single material response Insert Material Specification single material response single mating end Shell Guide Type And Location Designator: E pin Included Contact Quantity: 75 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: 0.075 gold grains, troy Precious Material: 81349-mil-c-28748 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: Unc Specification Data: 81349-mil-c-28748/3 government specification Shelf Life: N/a Unit Of Measure:	Shell Material:
Shell Surface Treatment Specification:  Qq-p-146, type 2, cl 1 federal specification single treatment response Insert Material Specification single material response Insert Material Specification single material response single mating end Shell Guide Type And Location Designator:  E pin Included Contact Quantity: 75 single mating end single contact grouping Included Contact Type: Round pin 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: 0.075 gold grains, troy Praclous Material: Gold Trist Data Document: 81349-mil-c-28748 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: Unc Specification Data: 81349-mil-c-28748/3 government specification Shelf Life: N/a Unit of Measure:	Aluminum alloy
Shell Surface Treatment Specification:  Qq-p-416, type 2, cl 1 federal specification single treatment response Insert Material Specification:  Mil-m-14, ty sdg-f military specification single material response single mating end  Shell Guide Type And Location Designator:  E pin Included Contact Quantity:  75 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:  0.075 gold grains, troy Precious Material:  Gold Test Data Document:  81349-mil-c-28748 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:  Unc Specification Data:  81349-mil-c-28748/3 government specification Shelf Life:  No Unit Of Measure:  — Demilitarization:  No Filig:  A039b0 Mil-std (military Standard):	Shell Surface Treatment:
Qq-p-416, type 2, cl 1 federal specification single treatment response Insert Material Specification: Mill-m-14, ty sdg-f military specification single material response single mating end Shell Guide Type And Location Designator:  E pin Included Contact Quantity: 75 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: 0.075 gold grains, troy Precious Material. Gold Test Data Document: 81349-mill-c-28748 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: Unc Specification Data: 81349-mill-c-28748/3 government specification Shelf Life: N/a Unit Of Measure:	Cadmium
Insert Material Specification:  Mil-m-14, ty sdg-f military specification single material response single mating end  Shell Guide Type And Location Designator:  E pin  Included Contact Quantity:  75 single mating end single contact grouping  Included Contact Type:  Round pin single mating end single contact grouping  Precious Material And Location:  Cortact surfaces gold  Precious Material And Weight:  0.075 gold grains, troy  Precious Material:  Gold  Test Data Document:  81349-mil-c-28748 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:  Unc  Specification Data:  81349-mil-c-28748/3 government specification  Shelf Life:  No  Unit Of Measure:	Shell Surface Treatment Specification:
Mil-m-14, ty sdg-f military specification single material response single mating end  Shell Guide Type And Location Designator:  E pin Included Contact Quantity:  75 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:  0.075 gold grains, troy  Precious Material:  Gold  Test Data Document:  81349-mil-c-28748 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:  Unc  Specification Data:  81349-mil-c-28748/3 government specification  Shelf Life:  No  Unit Of Measure:  Demilitarization:  No  Flig:  A03950  Mil-std (military Standard):	Qq-p-416, type 2, cl 1 federal specification single treatment response
Shell Guide Type And Location Designator:  E pin Included Contact Quantity: 75 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: 0.075 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-28748 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: Unc Specification Data: 81349-mil-c-28748/3 government specification Shelf Life: N/a Unit Of Measure:	Insert Material Specification:
Included Contact Quantity: 75 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: 0.075 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-28748 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: Unc Specification Data: 81349-mil-c-28748/3 government specification Shelf Life: N/a Unit Of Measure:	Mil-m-14, ty sdg-f military specification single material response single mating end
Included Contact Quantity: 75 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: 0.075 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-28748 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: Unc Specification Data: 81349-mil-c-28748/3 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Shell Guide Type And Location Designator:
Included Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.075 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-28748 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: Unc Specification Data: 81349-mil-c-28748/3 government specification Shelf Life: N/a Unit Of Measure:	E pin
Included Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.075 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-28748 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: Unc Specification Data: 81349-mil-c-28748/3 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Flig: A039b0 Mil-std (military Standard):	Included Contact Quantity:
Round pin single mating end single contact grouping  Precious Material And Location:  Contact surfaces gold  Precious Material And Weight:  0.075 gold grains, troy  Precious Material:  Gold  Test Data Document:  81349-mil-c-28748 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:  Unc  Specification Data:  81349-mil-c-28748/3 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fiig:  A039b0  Mil-std (military Standard):	75 single mating end single contact grouping
Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.075 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-28748 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: Unc Specification Data: 81349-mil-c-28748/3 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Flig: A03950 Mil-std (military Standard):	Included Contact Type:
Contact surfaces gold  Precious Material And Weight:  0.075 gold grains, troy  Precious Material:  Gold  Test Data Document:  81349-mil-c-28748 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:  Unc  Specification Data:  81349-mil-c-28748/3 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Flig:  A03950  Mil-std (military Standard):	Round pin single mating end single contact grouping
Precious Material And Weight:  0.075 gold grains, troy  Precious Material:  Gold  Test Data Document:  81349-mil-c-28748 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:  Unc  Specification Data:  81349-mil-c-28748/3 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fiig:  A039b0  Mil-std (military Standard):	Precious Material And Location:
Precious Material: Gold Test Data Document: 81349-mil-c-28748 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: Unc Specification Data: 81349-mil-c-28748/3 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Contact surfaces gold
Precious Material: Gold Test Data Document: 81349-mil-c-28748 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: Unc Specification Data: 81349-mil-c-28748/3 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Precious Material And Weight:
Gold Test Data Document:  81349-mil-c-28748 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:  Unc Specification Data:  81349-mil-c-28748/3 government specification Shelf Life:  N/a Unit Of Measure:  Demilitarization:  No Fiig: A039b0 Mil-std (military Standard):	0.075 gold grains, troy
Test Data Document:  81349-mil-c-28748 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:  Unc  Specification Data:  81349-mil-c-28748/3 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fiig:  A039b0  Mil-std (military Standard):	Precious Material:
81349-mil-c-28748 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: Unc  Specification Data: 81349-mil-c-28748/3 government specification  Shelf Life: N/a  Unit Of Measure:  Demilitarization: No  Fiig: A039b0  Mil-std (military Standard):	Gold
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:  Unc  Specification Data:  81349-mil-c-28748/3 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fiig:  A039b0  Mil-std (military Standard):	Test Data Document:
environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).  Thread Series Designator: Unc  Specification Data: 81349-mil-c-28748/3 government specification  Shelf Life: N/a Unit Of Measure: Demilitarization: No  Fiig: A039b0  Mil-std (military Standard):	81349-mil-c-28748 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification
Thread Series Designator: Unc Specification Data: 81349-mil-c-28748/3 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain
Unc Specification Data: 81349-mil-c-28748/3 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).
Specification Data: 81349-mil-c-28748/3 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Thread Series Designator:
81349-mil-c-28748/3 government specification  Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Unc
Shelf Life:  N/a  Unit Of Measure:  Demilitarization:  No  Fiig:  A039b0  Mil-std (military Standard):	Specification Data:
N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	81349-mil-c-28748/3 government specification
Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Shelf Life:
Demilitarization:  No Fiig: A039b0 Mil-std (military Standard):	N/a
No Fiig: A039b0 Mil-std (military Standard):	Unit Of Measure:
No Fiig: A039b0 Mil-std (military Standard):	
Fiig: A039b0 Mil-std (military Standard):	Demilitarization:
A039b0  Mil-std (military Standard):	No
Mil-std (military Standard):	Fiig:
	A039b0
Mil-g-45204 spec.	Mil-std (military Standard):
	Mil-g-45204 spec.