## NSN 5935-01-231-8419

Electrical Plug Connector - Page 1 of 2



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Thread Class:
2b
Thread Direction:
Right-hand
Body Style:
Straight shape, internal coupling
Overall Length:
Between 2.625 inches and 2.645 inches
Overall Diameter:
Between 1.990 inches and 2.010 inches
Environmental Protection:
Pressure proof and thermal shock resistant and vibration resistant and shock resistant and humidity resistant
Threaded Device Type:
Coupling facility
Mating End Quantity:
1
Contact Position Arrangement Style:
9 number 16 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:
Internally threaded coupling ring
Thready Qty Per Inch (tpi):
12
Thread Size:
1.750 inches
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
Gold single mating end single contact grouping
Insert Material:

Contact Surface Treatment Specification:

Mil-g-45204 military specification single treatment response single mating end single contact grouping

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Shell Material: Sited comp 316 Shell Surface Treatment: Passivate Shell Surface Treatment Specification: 2q-p-35 federal specification single treatment response Shell Material Specification single material response Shell Material Specification single material response Insert Material Specification: Will-m-14, ty gdi-30f military specification all material responses single mating end Included Contact Quantity: 9 single mating end single contact grouping Included Contact Quantity: 9 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.009 gold grains, troy Precious Material And Weight: 0.009 gold grains, troy Precious Material: 93db — Tises Data Document:	Terminal Type:
Shell Surface Treatment: Passivate Shell Surface Treatment Specification: Qq-p-35 federal specification single treatment response Shell Material Specification single material response Shell Material Specification single material response Index Material Specification: Qq-p-763 federal specification single material response Insert Material Specification: Will-m-14, ly gdi-30f military specification all material responses single mating end Included Contact Quantity: 9 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: Do09 gold grains, troy Precious Material: Gold Test Data Document: 33494-mil-c-24217 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification ormat; 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: Un Specification Data: 31349-mil-c-24217/7 government specification Shelf Life: We Unit Of Measure: — Demilitarization: No Filig: 403990 Mil-std (military Standard):	Solder well single mating end single contact grouping
Shell Surface Treatment: Passivate Shell Surface Treatment Specification: Qq-qp-35 federal specification single treatment response Shell Material Specification: Qq-s-763 federal specification single material response Insert Material Specification: Will-m-14, ty gdi-30f military specification all material responses single mating end Included Contact Quantity: 9 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.009 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-24217 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 sonvironmental and performance requirements and test conditions that are shown as "typical", "average", ", etc.). Thread Series Designator: Un Specification Data: 81349-mil-c-2421777 government specification Specification Data:	Shell Material:
Passivate Shell Surface Treatment Specification:  2q-p-35 federal specification single treatment response Shell Material Specification single material response insert Material Specification single material response insert Material Specification single material response insert Material Specification single material responses single mating end included Contact Quantity:  9 single mating end single contact grouping included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.009 gold grains, troy Precious Material And Weight: 0.009 gold grains, troy Precious Material State Data Document: 131349-mil-c-24217 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: Un Specification Data: 13349-mil-c-2421777 government specification Shelf Life: Wis Unit Of Measure:	Steel comp 316
Shell Surface Treatment Specification:  Qq-p-35 federal specification single treatment response Shell Material Specification:  Qq-p-763 federal Specification:  Qq-s-763 federal Specification:  Mit-m-14, by gdi-30f military specification all material responses insert Material Specification all material responses single mating end included Contact Quantity:  9 single mating end single contact grouping included Contact Type:  Round socket single mating end single contact grouping  Precious Material And Location:  Contact surfaces gold  Precious Material And Weight:  Quog gold grains, troy  Precious Material:  Sold  Test Data Document:  81349-mil-c-24217 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification ormat: 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:  Un  Specification Data:  81349-mil-c-242177 government specification  Shelf Life:  Wa  Unit Of Measure:  Demilitarization:  No  Filig:  A03980  Mil-std (military Standard):	Shell Surface Treatment:
Cq-p-35 federal specification single treatment response Shell Material Specification:  Qq-s-753 federal specification single material response Insert Material Specification:  Mill-m-14, ty gdi-30f military specification all material responses single mating end Included Contact Quantity: goingle mating end single contact grouping Included Contact Type:  Round socket single mating end single contact grouping Included Contact Type:  Round socket single mating end single contact grouping Precious Material And Location:  Contact surfaces gold Precious Material And Weight:  10.009 gold grains, troy Precious Material:  30dd Precious Material:  31349-mil-c-24217 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:  Un Specification Data:  31349-mil-c-2421777 government specification Shelf Life:  No Unit Of Measure:  — Demilitarization:  No Filig: 403950 Mil-std (military Standard):	Passivate
Shell Material Specification:  Qq-s-763 federal specification:  Miti-m-14, by gdi-30f military specification all material responses single mating end  Included Contact Quantity:  9 single mating end single contact grouping  Included Contact Type:  Round socket single mating end single contact grouping  Precious Material And Location:  Contact surfaces gold  Precious Material And Weight:  10.009 gold grains, troy  Precious Material:  Gold  Test Data Document:  81349-milt-c-24217 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  snovironmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).  Thread Series Designator:  Un  Specification Data:  81349-milt-c-2421777 government specification  Shelf Life:  No  Pumilitarization:  No  Filig:  A03950  Mil-std (military Standard):	Shell Surface Treatment Specification:
Oq-s-763 federal specification single material response Insert Material Specification:  Mil-m-14, ly gdi-30f military specification all material responses single mating end Included Contact Quantity:  9 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.009 gold grains, troy Precious Material: 30dd Test Data Document: 31349-mil-c-24217 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 servironmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.). Thread Series Designator: Un Specification Data: 31349-mil-c-2421777 government specification Shelf Life: W/a Unit Of Measure:	Qq-p-35 federal specification single treatment response
Insert Material Specification:  Mil-m-14, ty gdi-30f military specification all material responses single mating end included Contact Quantity:  9 single mating end single contact grouping included Contact Type:  Round socket single mating end single contact grouping included Contact Type:  Round socket single mating end single contact grouping Precious Material And Location:  Contact surfaces gold  Precious Material And Weight:  0.009 gold grains, troy  Precious Material:  30sld  Test Data Document:  31349-mil-c-242177 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:  Un  Specification Data:  31349-mil-c-2421777 government specification  Shelf Life:  W/a  Unit Of Measure:  Demilitarization:  No  Priig:  A03950  Mil-std (military Standard):	Shell Material Specification:
Mil-m-14, ty gdi-30f military specification all material responses single mating end included Contact Quantity:  9 single mating end single contact grouping included Contact Type:  Round socket single mating end single contact grouping Precious Material And Location:  Contact surfaces gold  Precious Material And Weight:  10.009 gold grains, troy  Precious Material:  Gold  Test Data Document:  131349-mil-c-24217 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:  Un  Specification Data:  181349-mil-c-24217/7 government specification  Sheff Life:  Wa  Unit Of Measure:	Qq-s-763 federal specification single material response
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es single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: Do.009 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-24217 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: Un Specification Data: 81349-mil-c-2421777 government specification Shelf Life: W/a Unit Of Measure: Unit Of Measure	Mil-m-14, ty gdi-30f military specification all material responses single mating end
Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.009 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-24217 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: Un Specification Data: 81349-mil-c-24217/7 government specification Shelf Life: W/a Unit Of Measure:	Included Contact Quantity:
Round socket single mating end single contact grouping  Precious Material And Location: Contact surfaces gold  Precious Material And Weight: 0.009 gold grains, troy  Precious Material: Gold  Test Data Document: 81349-mil-c-24217 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: Un  Specification Data: 81349-mil-c-24217/7 government specification  Shelf Life: W/a  Unit Of Measure:  Demilitarization: No  Filig: A039b0  Mil-std (military Standard):	9 single mating end single contact grouping
Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.009 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-24217 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: Un Specification Data: 81349-mil-c-24217/7 government specification Shelf Life: N/a Unit Of Measure:	Included Contact Type:
Contact surfaces gold  Precious Material And Weight:  2.009 gold grains, troy  Precious Material:  Gold  Test Data Document:  81349-mil-c-24217 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:  Un  Specification Data:  81349-mil-c-24217/7 government specification  Shelf Life:  N/a  Unit Of Measure:	Round socket single mating end single contact grouping
Precious Material And Weight:  1.0.009 gold grains, troy  Precious Material:  Gold  Test Data Document:  B1349-mil-c-24217 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:  Un  Specification Data:  B1349-mil-c-24217/7 government specification  Shelf Life:  N/a  Unit Of Measure:  Demilitarization:  No  Fitig:  A039b0  Mil-std (military Standard):	Precious Material And Location:
Precious Material: Gold  Fest Data Document:  81349-mil-c-24217 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:  Un  Specification Data:  81349-mil-c-24217/7 government specification  Shelf Life:  Wa  Unit Of Measure:  Demilitarization:  No  Filig:  A03960  Mil-std (military Standard):	Contact surfaces gold
Precious Material: Gold  Test Data Document:  81349-mil-c-24217 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 senvironmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).  Thread Series Designator:  Un  Specification Data:  81349-mil-c-24217/7 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:  B1349-mil-c-24217 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 senvironmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).  Thread Series Designator:  Un  Specification Data:  B1349-mil-c-24217/7 government specification  Shelf Life:  N/a  Unit Of Measure:  Demilitarization:  No  Fiig:  A039b0  Mil-std (military Standard):	0.009 gold grains, troy
Test Data Document:  B1349-mil-c-24217 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:  Un  Specification Data:  B1349-mil-c-24217/7 government specification  Shelf Life:  N/a  Unit Of Measure:  Demilitarization:  No  Fiig:  A039b0  Mil-std (military Standard):	Precious Material:
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Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Un
Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Specification Data:
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