## NSN 5935-00-778-4102

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-778-4102
Body Style:
Straight shape, flange mount, external coupling
Overall Length:
1.675 inches
Overall Height:
1.047 inches
Overall Width:
1.047 inches
Environmental Protection:
Moisture proof and salt water resistant and vibration proof
Unthreaded Mounting Hole Diameter:
0.120 inches
Center To Center Distance Between Mounting Facilities Parallel To Height:
0.812 inches
Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:
0.812 inches
Distance From Mounting Shoulder To Front Face:
0.431 inches
Mating End Quantity:
1
Contact Position Arrangement Style:
12-3 single mating end
Contact Removability:
Removable single mating end single contact grouping
Contact Maximum Ac Voltage Rating In Volts:
1000.0 single mating end single contact grouping
Polarization Method:
Keyway or multiple keyway
Insert Position In Deg:
0.0
Shell Type:
Solid
Connector Locking Method:
Bayonet pin
Connector Cable Strain Relief Method:
Potting type
Terminal Location:
Back single mating end single contact grouping
Contact Surface Treatment:
Gold single mating end single contact grouping and nickel single mating end single contact grouping
Contact Surface Treatment Specification:

Mil-g-45204, type 1, cl 1, grade c military specification 1st treatment response single mating end single contact grouping and qq-n-290, grade e federal specification 2nd treatment response single mating end single contact grouping

## NSN 5935-00-778-4102

Electrical Receptacle Connector - Page 2 of 2



Crimp single mating end single contact grouping Shell Material: Aluminum alloy Shell Surface Treatment: Chromate and cadmium Shell Surface Treatment Specification: 2q-p-416, type 2, cl 3 federal specification all treatment responses Shell Material Specification single material responses Shell Material Specification single material response chell Material Specification single material response netuded Contact Quantity: 3 single mating end single contact grouping netuded Contact Type: 3 cound pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.015 gold grains, troy Precious Material And Weight: 31349-mil-226482 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification survivonmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.). Specification Data: 86906-ms3120 government standard Shelf Life: Wie Juit Of Measure:	
Shell Material: Aluminum alloy Shell Sufface Treatment: Chromate and cadmium Shell Sufface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification all treatment responses Shell Material Specification: Qq-p-416, type 2, cl 3 federal specification single material response Shell Material Specification: Qq-a-591 federal specification single material response Included Contact Quantity: 3 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: 1.015 gold grains, troy Precious Material: 30Id Test Data Document: 31349-mil-c-26482 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 servironmental and performance requirements and test conditions that are shown as 'typical', "average", "", etc.). Specification Data: 186906-ms3120 government standard 186906-ms3120 gove	Terminal Type:
Shell Surface Treatment: Chromate and cadmium Shell Surface Treatment Specification: 2q-p-416, type 2, d 3 federal specification all treatment responses Shell Material Specification: 2q-a-591 federal specification single material response Included Contact Quantity: 3 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Included Contact Type: Contact surfaces gold Precious Material And Location: Contact surfaces gold Precious Material And Weight: Jo15 gold grains, troy Precious Material and Weight: 33dd Fest Data Document: 3349-mil-c-26482 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 son/commental and performance requirements and test conditions that are shown as "typical", "average", "", etc.). Specification Data: Joint Of Measure: - Committed (Military Standard):	Crimp single mating end single contact grouping
Shell Surface Treatment: Chromate and cadmium Shell Surface Treatment Specification: Cq-p-416, type 2, cl 3 federal specification all treatment responses Shell Material Specification: Cq-p-4591 (ederal specification single material response Included Contact Quantity: Begingle 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: Contact surfaces gold Contact Surfa	Shell Material:
Chromate and cadmium  Shell Surface Treatment Specification:  2q-0-416, type 2, cl 3 federal specification all treatment responses  Shell Material Specification:  2q-a-591 federal specification single material response  Included Contact Quantity: 3 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:  Dol15 gold grains, troy  Precious Material:  Sold  Fest Data Document:  81349-mil-c-26482 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.).  Specification Data:  46906-ms3120 government standard  Shelf Life:  Via Unit of Measure:  — Demilitarization:  No Eigig:  403950  Wil-std (military Standard):	Aluminum alloy
Shell Surface Treatment Specification:  2q-p-416, type 2, cl 3 federal specification all treatment responses  Shell Material Specification:  2q-a-591 federal specification single material response  included Contact Quantity:  3 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:  20.015 gold grains, troy  Precious Material:  30id  Fest Data Document:  31349-mil-c-26482 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.).  Specification Data:  46906-ms3120 government standard  5helf Life:  474  20th Of Measure:  - Committarization:  800  801-sid (military Standard):	Shell Surface Treatment:
2q-p-416, type 2, cl 3 federal specification all treatment responses Shell Material Specification: 2q-a-591 federal specification single material response ncluded Contact Quantity: 3 single mating end single contact grouping ncluded Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.015 gold grains, trey Precious Material: Sold Fest Data Document: 37349-mil-c-26482 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 sonvironmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.). Specification Data: 36906-ms3120 government standard Shelf Life:  ¼/a Juit Of Measure: - Demilitarization: ¼/o Single Mil-std (military Standard):	Chromate and cadmium
Shell Material Specification:  Qq-a-591 federal specification single material response  ncluded Contact Quantity: 3 single mating end single contact grouping  ncluded Contact Type:  Round pin single mating end single contact grouping  Precious Material And Location:  Contact surfaces gold  Precious Material And Weight:  Quit 5 gold grains, troy  Precious Material:  Gold  Fest Data Document:  81349-mil-c-26482 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.).  Specification Data:  105696-Flife:  1070 Measure:  1080 Juit Of Measure:  1090 Juit Of Meas	Shell Surface Treatment Specification:
Oq-a-591 federal specification single material response Included Contact Quantity:  8 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: Do.15 gold grains, troy Precious Material: Sold Fest Data Document: 81349-mil-c-26482 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 servironmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.). Specification Data: 16906-ms3120 government standard Shelf Life: Wa Juit Of Measure: Juit Of Meas	Qq-p-416, type 2, cl 3 federal specification all treatment responses
ncluded Contact Quantity: 3 single mating end single contact grouping ncluded Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight:	Shell Material Specification:
a single mating end single contact grouping ncluded Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.015 gold grains, troy Precious Material: Gold Fest Data Document: 31349-mil-c-26482 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.). Specification Data: 36906-ms3120 government standard Shelf Life: Wa Juit Of Measure: Demilitarization: No Filig: A03950 Will-std (military Standard):	Qq-a-591 federal specification single material response
Included Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: D.015 gold grains, troy Precious Material: Gold Fest Data Document: 31349-mil-c-26482 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.). Specification Data: 36906-ms3120 government standard Shelf Life: W/a Junit Of Measure:	Included Contact Quantity:
Round pin single mating end single contact grouping  Precious Material And Location: Contact surfaces gold  Precious Material And Weight: 0.015 gold grains, troy  Precious Material: Gold  Fest Data Document: 31349-mil-c-26482 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.).  Specification Data: 06906-ms3120 government standard Shelf Life: W/a Unit Of Measure:	3 single mating end single contact grouping
Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.015 gold grains, troy Precious Material: Gold Fest Data Document: 31349-mil-c-26482 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.). Specification Data: 36906-ms3120 government standard Shelf Life: N/a Unit Of Measure: - Demilitarization: No Fig: 603950 Will-std (military Standard):	Included Contact Type:
Contact surfaces gold  Precious Material And Weight:  0.015 gold grains, troy  Precious Material:  Gold  Fest Data Document:  81349-mil-c-26482 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.).  Specification Data:  96906-ms3120 government standard  Shelf Life:  N/a  Unit Of Measure:  Demilitarization:  No  Fig:  4039b0  Wil-std (military Standard):	Round pin single mating end single contact grouping
Precious Material And Weight:  0.015 gold grains, troy  Precious Material:  Gold  Fest Data Document:  81349-mil-c-26482 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.).  Specification Data:  96906-ms3120 government standard  Shelf Life:  N/a  Unit Of Measure:  Demilitarization:  No  Gilig:  403950  Wil-std (military Standard):	Precious Material And Location:
Precious Material: Gold  Fest Data Document: 31349-mil-c-26482 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 servironmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).  Specification Data: 36906-ms3120 government standard  Shelf Life: N/a  Unit Of Measure:  Demilitarization: No Filig: 403960  Wil-std (military Standard):	Contact surfaces gold
Precious Material: Gold  Fest Data Document: 81349-mil-c-26482 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.).  Specification Data: 96906-ms3120 government standard  Shelf Life: N/a Unit Of Measure:	Precious Material And Weight:
Gold  Test Data Document: 31349-mil-c-26482 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.).  Specification Data: 36906-ms3120 government standard  Shelf Life: N/a  Unit Of Measure:	0.015 gold grains, troy
Fest Data Document: 31349-mil-c-26482 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.).  Specification Data: 96906-ms3120 government standard Shelf Life: N/a Unit Of Measure: - Demilitarization: No Filig: A039b0 Will-std (military Standard):	Precious Material:
B1349-mil-c-26482 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.).  Specification Data:  26906-ms3120 government standard  Shelf Life:  N/a  Unit Of Measure:  Demilitarization:  No  Fiig:  A039b0  Wil-std (military Standard):	Gold
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.).  Specification Data:  96906-ms3120 government standard  Shelf Life:  N/a  Jnit Of Measure:  Demilitarization:  No  Fiig:  A039b0  Will-std (military Standard):	Test Data Document:
environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).  Specification Data:  96906-ms3120 government standard  Shelf Life:  N/a  Unit Of Measure:  Demilitarization:  No  Fiig:  A039b0  Mil-std (military Standard):	81349-mil-c-26482 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification
Specification Data:  06906-ms3120 government standard  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
Depose of the standard standar	environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).
Shelf Life: N/a  Jnit 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):	96906-ms3120 government standard
Jnit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Shelf Life:
Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	N/a
No Filg: A039b0 Mil-std (military Standard):	Unit Of Measure:
No Filg: 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-std (military Standard):
ЛII-g-45204 spec.	Mil-g-45204 spec.