## NSN 5935-01-355-8217

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-355-8217 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape, external coupling **Overall Length:** 1.530 inches **Overall Height:** 1.562 inches **Overall Width:** 1.562 inches **Environmental Protection:** Humidity resistant and salt water resistant and shock proof and vibration proof **Unthreaded Mounting Hole Diameter:** Between 0.116 inches and 0.125 inches **Center To Center Distance Between Mounting Facilities Parallel To Height:** 1.250 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: 1.250 inches **Distance From Mounting Shoulder To Front Face:** Between 0.708 inches and 0.728 inches **Threaded Device Type:** Back shell and coupling facility **Mating End Quantity:** 1 **Contact Position Arrangement Style:** 22-55 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:** Externally threaded shell **Operating Tempurature Rating:** 

Thread Size:

1.312 inches and 1.438 inches

Between -65.0 degrees celsius and 200.0 degrees celsius

## NSN 5935-01-355-8217

Electrical Receptacle Connector - Page 2 of 2



Contact Material: Copper alloy 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: Crimp single mating end single contact grouping Shell Material: Stainless steel Shell Surface Treatment: Passivate Included Contact Quantity: 55 single mating end single contact grouping Included Contact Quantity: 65 single mating end single contact grouping Included Contact Quantity: 65 single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Location: Contact surfaces gold grains, troy Precious Material And Weight: 0.055 gold grains, troy Precious Material Contact Grouping (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: Unel Specification Data: 31:349-mil-c-83723/83 government specification Shelf Life: No Demilitarization: No Filig:	Terminal Location:
Context Surface Treatment: Gold single mating end single contact grouping Insert Material: Plastic epoxy single mating end Terminal Type: Cirmps single mating end single contact grouping Shell Material: Stainless steel Shell Material: Stainless steel Shell Surface Treatment: Passivate Included Contact Quantity: 55 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 Included Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.055 gold grains, troy Precious Material And Weight: 81349-mil-c-83723 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: Unef Specification Data: 31349-mil-c-83723/83 government specification Shelf Life: No Unit Of Measure: — Demilitarization: No Flig:	Back 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: Crimp single mating end single contact grouping Shell Material: Stainless steel Shell Surface Treatment: Passivate Included Contact Quantity: 55 single mating end single contact grouping Included Contact Quantity: 55 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: 0.055 gold grains, troy Precious Material And Weight: Gold Test Data Document: B1349-mile-83723 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: Unef Specification Data: B1349-mile-83723/83 government specification Shelf Life: N/a Unit Of Measure:	Contact Material:
Gold single mating end single contact grouping Insert Material: Plastic spoxy single mating end Terminal Type: Crimp single mating and single contact grouping Shell Material: Stainless steel Shell Material: Stainless steel Shell Surface Treatment: Passivate Included Contact Quantity: 55 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Preclous Material And Location: Contact surfaces gold Preclous Material And Weight: Octobros Gold grains, troy Preclous Material And Weight: Gold Test Data Document: 81349-mill-c-83723 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: Unef Specification Data: 81349-mill-c-83723/83 government specification Shelf Life: N/a Unit Of Measure:	Copper alloy single mating end single contact grouping
Insert Material: Plastic epoxy single mating end Terminal Type: Crimp single mating end single contact grouping Shell Material: Stainless steel Shell Surface Treatment: Passivate Included Contact Quantity: S5 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: 0.055 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-83723 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: Unef Specification Data: 81349-mil-c-83723/83 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Flig:	Contact Surface Treatment:
Plastic epoxy single mating end Terminal Type: Crimp single mating end single contact grouping Shell Material: Stainless steel Shell Surface Treatment: Passivate Included Contact Quantity: 65 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: 0.055 gold grains, troy Precious Material: 81349-mil-c-83723 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: Unif Specification Data: 81349-mil-c-83723/83 government specification Shelf Life: N/a Unit Of Measure:	Gold single mating end single contact grouping
Terminal Type:  Crimp single mating end single contact grouping  Shell Material:  Stainless steel  Shell Surface Treatment:  Passivate  Included Contact Quantity:  55 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. 055 gold grains, troy  Precious Material:  81349-mil-c-83723 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:  Unif  Specification Data:  81349-mil-c-83723/83 government specification  Shelf Life:  No  Unit Of Measure:  —  Demilitarization:  No  Fig:	Insert Material:
Crimp single mating end single contact grouping  Shell Material: Stainless steel  Shell Surface Treatment: Passivate Included Contact Quantity: 55 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: 0.055 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-83723 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: Unef Specification Data: 81349-mil-c-83723/83 government specification Shelf Life: N/a Unit Of Measure:	Plastic epoxy single mating end
Shell Material: Stainless steel Shell Surface Treatment: Passivate Included Contact Quantity: 55 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: 0.055 gold grains, troy Precious Material: Gold Test Data Document: B1349-mil-c-83723 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: Unef Specification Data: B1349-mil-c-83723/83 government specification Shelf Life: N/a Unit Of Measure:	Terminal Type:
Stainless steel Shell Surface Treatment: Passivate Included Contact Quantity: 55 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: 0.055 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-83723 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: Unef Specification Data: 81349-mil-c-83723/83 government specification Shelf Life: N/a Unit Of Measure:	Crimp single mating end single contact grouping
Shell Surface Treatment:  Passivate  Included Contact Quantity:  55 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-c-83723 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:  Unef  Specification Data:  81349-mil-c-83723/83 government specification  Shelf Life:  N/a  Unit Of Measure:  — Demilitarization:  No  Fig:	Shell Material:
Passivate  Included Contact Quantity: 55 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: 0.055 gold grains, troy  Precious Material: Gold  Test Data Document: 81349-mil-c-83723 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: Unef  Specification Data: 81349-mil-c-83723/83 government specification  Shelf Life: N/a  Unit Of Measure:  Demilitarization: No  Fig:	Stainless steel
Included Contact Quantity:  55 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:  0.055 gold grains, troy Precious Material: Gold ITest Data Document: 81349-mil-c-83723 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: Unef Specification Data: 81349-mil-c-83723/83 government specification Shelf Life: N/a Unit Of Measure:	Shell Surface Treatment:
Included Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.055 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-83723 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: Unef Specification Data: 81349-mil-c-83723/83 government specification Shelf Life: N/a Unit Of Measure:	Passivate
Included Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.055 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-83723 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: Unef Specification Data: 81349-mil-c-83723/83 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fig:	Included Contact Quantity:
Round pin single mating end single contact grouping  Precious Material And Location:  Contact surfaces gold  Precious Material And Weight:  0.055 gold grains, troy  Precious Material:  Gold  Test Data Document:  81349-mil-c-83723 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:  Unef  Specification Data:  81349-mil-c-83723/83 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Flig:	55 single mating end single contact grouping
Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.055 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-83723 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: Unef Specification Data: 81349-mil-c-83723/83 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	Included Contact Type:
Contact surfaces gold  Precious Material And Weight:  0.055 gold grains, troy  Precious Material:  Gold  Test Data Document:  81349-mil-c-83723 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:  Unef  Specification Data:  81349-mil-c-83723/83 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fig:	Round pin single mating end single contact grouping
Precious Material And Weight:  0.055 gold grains, troy  Precious Material:  Gold  Test Data Document:  81349-mil-c-83723 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:  Unef  Specification Data:  81349-mil-c-83723/83 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fig:	Precious Material And Location:
Precious Material:  Gold  Test Data Document:  81349-mil-c-83723 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:  Unef  Specification Data:  81349-mil-c-83723/83 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fiig:	Contact surfaces gold
Precious Material:  Gold  Test Data Document:  81349-mil-c-83723 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:  Unef  Specification Data:  81349-mil-c-83723/83 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fiig:	Precious Material And Weight:
Gold  Test Data Document:  81349-mil-c-83723 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:  Unef  Specification Data:  81349-mil-c-83723/83 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fiig:	0.055 gold grains, troy
Test Data Document:  81349-mil-c-83723 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:  Unef  Specification Data:  81349-mil-c-83723/83 government specification  Shelf Life:  N/a  Unit Of Measure:  Demilitarization:  No  Fiig:	Precious Material:
81349-mil-c-83723 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:  Unef  Specification Data:  81349-mil-c-83723/83 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fiig:	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:  Unef  Specification Data:  81349-mil-c-83723/83 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fiig:	Test Data Document:
environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).  Thread Series Designator:  Unef  Specification Data:  81349-mil-c-83723/83 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fiig:	81349-mil-c-83723 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification
Thread Series Designator: Unef Specification Data: 81349-mil-c-83723/83 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain
Unef Specification Data: 81349-mil-c-83723/83 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).
Specification Data: 81349-mil-c-83723/83 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	Thread Series Designator:
81349-mil-c-83723/83 government specification  Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig:	Unef
Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fiig:	Specification Data:
N/a Unit Of Measure: Demilitarization: No Filig:	81349-mil-c-83723/83 government specification
Unit Of Measure: Demilitarization: No Filig:	Shelf Life:
 Demilitarization: No Fiig:	N/a
No Fiig:	Unit Of Measure:
No Fiig:	<del></del>
Fiig:	Demilitarization:
	No
A039b0	Fiig:
	A039b0