NSN 5935-00-443-9451

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-443-9451 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape, external coupling w/backshell **Overall Length:** 1.937 inches **Overall Height:** Between 1.719 inches and 1.781 inches **Overall Width:** Between 1.719 inches and 1.781 inches **Environmental Protection:** Moisture resistant and salt water resistant and vibration resistant **Unthreaded Mounting Hole Diameter:** Between 0.142 inches and 0.157 inches Center To Center Distance Between Mounting Facilities Parallel To Height: Between 1.359 inches and 1.391 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: Between 1.359 inches and 1.391 inches **Distance From Mounting Shoulder To Front Face:** Between 0.812 inches and 0.843 inches **Threaded Device Type:** Coupling facility **Mating End Quantity:** 1 **Contact Position Arrangement Style:** Sk-c7p single mating end **Contact Removability:** Removable single mating end single contact grouping **Contact Maximum Current Rating In Amps:** 73.0 single mating end single contact grouping **Contact Maximum Ac Voltage Rating In Volts:** 500.0 single mating end single contact grouping **Contact Maximum Dc Voltage Rating In Volts:** 700.0 single mating end single contact grouping **Polarization Method:** Keyway or multiple keyway **Insert Position In Deg:** 0.0

Shell Type:

Solid

NSN 5935-00-443-9451

Electrical Receptacle Connector - Page 2 of 2



Externally threaded shell Thread Longth: 0.625 inches Thread Size: 1.500 inches Terminal Location: Back single mating end single contact grouping Terminal Type: Crimp single mating and single contact grouping Shell Material: Aluminum allcy Shell Surface Treatment Specification: Cq-p-416, type 2, ol 3 federal specification single treatment response Included Contact Quantity: 7 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Tests Data Document: 81349-mil-dtl-5015 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-dtl-5015 government specification Shelf Life: Na Unit of Measure: Domilitarization: No Filig: A039b0 Mil-std (military Standard): Mil-dtl-5015 spec.	Connector Locking Method:
Thread Size: 1.500 inches Thread Size: 1.500 inches Terminal Location: Back single mating end single contact grouping Terminal Type: Crimp single mating end single contact grouping Shell Material: Aluminum alloy Shell Surface Treatment Specification: Cadmium Shell Surface Treatment Specification: Cqrp-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 7 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Test Data Document: 81349-mil-4th-5015 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-dit-5015 government specification Shelf Life: N/a Unit of Measure: Demilitarization: No Fig: A039b0 Mil-std (military Standard):	Externally threaded shell
Thread Size: 1.500 inches Terminal Location: Back single mating end single contact grouping Terminal Type: Crimp single mating end single contact grouping Shell Material: Aluminum alloy Shell Material: Aluminum alloy Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 7 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Test Data Document: 81349-mil-dtl-5015 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-dtl-5015 government specification Shelf Life: Na Unit Of Measure: — Demilitarization: No Fig: A03950 Mil-std (military Standard):	Thread Length:
Terminal Location: Back single mating end single contact grouping Terminal Type: Crimp single mating end single contact grouping Shell Material: Aluminum alloy Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 7 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 Test Data Document: Bri349-mil-dtl-5015 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: Bri349-mil-dtl-5015 government specification Shelf Life: N/a Unit of Measure: - Demilitarization: No Fig: A039b0 Mil-std (military Standard):	0.625 inches
Terminal Location: Back single mating end single contact grouping Terminal Type: Crimp single mating end single contact grouping Shell Material: Aluminum alloy Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 7 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 Included Contact Type: Test Data Document: Bria349-mil-dtl-5015 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: Bria349-mil-dtl-5015 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fig: A03950 Mil-std (military Standard):	Thread Size:
Back single mating end single contact grouping Terminal Type: Crimp single mating end single contact grouping Shell Material: Altuminum alloy Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 7 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Test Data Document: 81349-mil-dtl-5015 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: Uner Specification Data: 81349-mil-dtl-5015 government specification Shelf Life: N/a Unit of Measure:	1.500 inches
Terminal Type: Crimp single mating end single contact grouping Shell Material: Altuminum alloy Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 7 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Test Data Document: 81:349-mil-dtl-5015 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: 81:349-mil-dtl-5015 government specification Shelf Life: N/a Unit of Measure: Demilitarization: No Fitig: A0:3950 Mil-std (military Standard):	Terminal Location:
Crimp single mating end single contact grouping Shell Material: Aluminum alloy Shell Surface Treatment: Cadmitum Shell Surface Treatment Specification: Qa-p-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 7 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Test Data Document: 81349-mill-dtl-5015 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-dtl-5015 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A03950 Mill-std (military Standard):	Back single mating end single contact grouping
Shell Material: Aluminum alloy Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 7 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Test Data Document: 81349-mil-dil-5015 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-dil-5015 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Terminal Type:
Aluminum alloy Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 7 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Test Data Document: 81349-mil-dl-5015 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-dl-5015 government specification Shelf Life: N/a Unit Of Measure:	Crimp single mating end single contact grouping
Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 7 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Test Data Document: 81349-mil-dtl-5015 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-dtl-5015 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fitig: A039b0 Mil-std (military Standard):	Shell Material:
Cadmium Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 7 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Test Data Document: 81349-mil-dtl-5015 government 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-dtl-5015 government specification Shelf Life: Na Unit Of Measure: Demilitarization: No Filig: A039b0 Mil-std (military Standard):	Aluminum alloy
Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 7 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Test Data Document: 81349-mil-dtl-5015 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-dtl-5015 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A03950 Mil-std (military Standard):	Shell Surface Treatment:
Qq-p-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 7 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Test Data Document: 81349-mil-dtl-5015 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-dtl-5015 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fitg: A03950 Mil-std (military Standard):	Cadmium
Included Contact Quantity: 7 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Test Data Document: 81349-mil-dtl-5015 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-dtl-5015 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Shell Surface Treatment Specification:
7 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Test Data Document: 81349-mil-dtl-5015 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-dtl-5015 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fitig: A039b0 Mil-std (military Standard):	Qq-p-416, type 2, cl 3 federal specification single treatment response
Included Contact Type: Round pin single mating end single contact grouping Test Data Document: 81349-mil-dtl-5015 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-dtl-5015 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Included Contact Quantity:
Round pin single mating end single contact grouping Test Data Document: 81349-mil-dtl-5015 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-dtl-5015 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	7 single mating end single contact grouping
Test Data Document: 81349-mil-dtl-5015 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-dtl-5015 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Included Contact Type:
81349-mil-dtl-5015 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-dtl-5015 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Round pin single mating end single contact grouping
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-dtl-5015 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: Unef Specification Data: 81349-mil-dtl-5015 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	81349-mil-dtl-5015 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification
Thread Series Designator: Unef Specification Data: 81349-mil-dtl-5015 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
Unef Specification Data: 81349-mil-dtl-5015 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-dtl-5015 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Thread Series Designator:
81349-mil-dtl-5015 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Unef
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-dtl-5015 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-dtl-5015 spec.	Mil-std (military Standard):
	Mil-dtl-5015 spec.