NSN 5935-01-257-3554

Thread Direction:

Right-hand

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-257-3554

Straight shape threaded Overall Length: 41.7 millimeters Overall Diameter: Between 60.2 millimeters and 61.2 millimeters Distance From Mounting Shoulder To Front Face: Between 27.5 millimeters and 28.4 millimeters Mounting Facility Thickness: Between 1.5 millimeters and 3.2 millimeters Mounting Facility Thickness: Between 1.5 millimeters and 3.2 millimeters Threaded Device Type: Mounting bushing Mating End Quantity: 1 Contact Position Arrangement Style: 24-35 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment: Gold single mating end single contact grouping Contact Surface Treatment: Gold single mating end single contact grouping Contact Surface Treatment Specification: Mill-g-45204 millitary specification single treatment response single mating end single contact grouping Terminal Type:	Body Style:
A1.7 millimeters Overall Diameter: Between 60.2 millimeters and 61.2 millimeters Distance From Mounting Shoulder To Front Face: Between 27.5 millimeters and 28.4 millimeters Mounting Facility Thickness: Between 1.5 millimeters and 3.2 millimeters Threaded Device Type: Mounting bushing Mating End Quantity: 1 Contact Position Arrangement Style: 24-35 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Connector Locking Method: Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 Terminal Location: Back single mating end single contact grouping Contact Material: Cooper alloy single mating end single contact grouping Contact Surface Treatment: Gold single mating end single contact grouping Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Straight shape threaded
Overall Diameter: Between 60.2 millimeters and 61.2 millimeters Distance From Mounting Shoulder To Front Face: Between 27.5 millimeters and 28.4 millimeters Mounting Facility Thickness: Between 1.5 millimeters and 3.2 millimeters Threaded Device Type: Mounting bushing Mating End Quantity: 1 Contact Position Arrangement Style: 24-35 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Overall Length:
Between 60.2 millimeters and 61.2 millimeters Distance From Mounting Shoulder To Front Face: Between 27.5 millimeters and 28.4 millimeters Mounting Facility Thickness: Between 1.5 millimeters and 3.2 millimeters Threaded Device Type: Mounting bushing Mating End Quantity: 1 Contact Position Arrangement Style: 24-35 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	41.7 millimeters
Between 27.5 millimeters and 28.4 millimeters Mounting Facility Thickness: Between 1.5 millimeters and 3.2 millimeters Threaded Device Type: Mounting bushing Mating End Quantity: 1 Contact Position Arrangement Style: 24-35 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Overall Diameter:
Between 27.5 millimeters and 28.4 millimeters Mounting Facility Thickness: Between 1.5 millimeters and 3.2 millimeters Threaded Device Type: Mounting bushing Mating End Quantity: 1 Contact Position Arrangement Style: 24-35 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 millitary specification single treatment response single mating end single contact grouping	Between 60.2 millimeters and 61.2 millimeters
Mounting Facility Thickness: Between 1.5 millimeters and 3.2 millimeters Threaded Device Type: Mounting bushing Mating End Quantity: 1 Contact Position Arrangement Style: 24-35 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Distance From Mounting Shoulder To Front Face:
Eletween 1.5 millimeters and 3.2 millimeters Threaded Device Type: Mounting bushing Mating End Quantity: 1 Contact Position Arrangement Style: 24-35 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Between 27.5 millimeters and 28.4 millimeters
Threaded Device Type: Mounting bushing Mating End Quantity: 1 Contact Position Arrangement Style: 24-35 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 milltary specification single treatment response single mating end single contact grouping	Mounting Facility Thickness:
Mating End Quantity: 1 Contact Position Arrangement Style: 24-35 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 milltary specification single treatment response single mating end single contact grouping	Between 1.5 millimeters and 3.2 millimeters
Mating End Quantity: 1 Contact Position Arrangement Style: 24-35 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 millitary specification single treatment response single mating end single contact grouping	Threaded Device Type:
Contact Position Arrangement Style: 24-35 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Mounting bushing
Contact Position Arrangement Style: 24-35 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Mating End Quantity:
24-35 single mating end Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	1
Contact Removability: Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Contact Position Arrangement Style:
Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	24-35 single mating end
Polarization Method: Keyway or multiple keyway Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Contact Removability:
Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Removable single mating end single contact grouping
Insert Position In Deg: 100.0 and 260.0 Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Polarization Method:
Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Keyway or multiple keyway
Shell Type: Solid Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Insert Position In Deg:
Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	100.0 and 260.0
Connector Locking Method: Detent Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Shell Type:
Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Solid
Thread Size: 47.0 millimeters Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Connector Locking Method:
Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Detent
Thread Pitch In Millimeters: 1.00 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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Thread Size:
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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	47.0 millimeters
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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Thread Pitch In Millimeters:
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 Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	1.00
Contact Material: Copper alloy single mating end single contact grouping Contact Surface Treatment: Gold single mating end single contact grouping Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Terminal Location:
Copper alloy single mating end single contact grouping Contact Surface Treatment: Gold single mating end single contact grouping Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Back single mating end single contact grouping
Contact Surface Treatment: Gold single mating end single contact grouping Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Contact Material:
Gold single mating end single contact grouping Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Copper alloy single mating end single contact grouping
Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping	Contact Surface Treatment:
Mil-g-45204 military specification single treatment response single mating end single contact grouping	Gold single mating end single contact grouping
	Contact Surface Treatment Specification:
Terminal Type:	Mil-g-45204 military specification single treatment response single mating end single contact grouping
	Terminal Type:
Crimp single mating end single contact grouping	Crimp single mating end single contact grouping

NSN 5935-01-257-3554

Electrical Receptacle Connector - Page 2 of 2



Shell Material:
Aluminum alloy
Shell Surface Treatment:
Cadmium
Shell Surface Treatment Specification:
Qq-p-416 federal specification single treatment response
Thread Tolerance Class:
6g external
Included Contact Quantity:
128 single mating end single contact grouping
Bushing Accommodation Hole Shape:
Round w/flat
Included Contact Type:
Round pin single mating end single contact grouping
Special Features:
25-35insert configuration
Precious Material And Location:
Contact surfaces gold
Precious Material And Weight:
0.128 gold grains, troy
Precious Material:
Gold
Test Data Document:
81349-dod-c-38999 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:
Iso m
Specification Data:
81349-dod-c-38999/44 government specification
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A039b0
Mil-std (military Standard):
Mil-g-45204 spec.