Electrical Receptacle Connector - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5935-01-286-9999

2a         Thead Direction:         Right-hand         Body Style:         Straight shape, external coupling         Overall Length:         0.990 inches         Overall Height:         Between 1.338 inches and 1.348 inches         Overall Witcht:         Between 1.338 inches and 1.348 inches         Overall Witcht:         Between 1.338 inches and 1.348 inches         Overall Witcht:         Between 1.338 inches and 1.348 inches         Derivonmental Protection:         Hundity resistant and salt water resistant and shock proof and vibration proof         Unthreaded Mounting Hole Diameter:         Between 1.067 inches and 0.125 inches         Distance Form Mounting Shoulder To Fort Fore         Between 1.057 inches and 1.067 inches         Distance Form Mounting Shoulder To Fort Fore         Between 0.057 inches and 0.728 inches         Threaded Device Type:         Coupling facility         Mains End Quantity:         1         Contact Position Arrangement Style:         11 number 20 single mating end single contact grouping         Polarization Method:         Keyway or multiple keyway:         Inter Position In Deg:         Stidel	Thread Class:
Right-hand         Body Style:         Straight shape, external coupling         Overall Length:         0.990 inches         Overall Height:         Between 1.338 inches and 1.348 inches         Overall Widht:         Between 1.338 inches and 1.348 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 D Stance Between Mounting Facilities Parallel To Height:         Between 1.057 inches and 1.067 inches         Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:         Between 1.057 inches and 1.067 inches         Distance From Mounting Shoulder To Front Face:         Between 0.708 inches and 0.728 inches         Threaded Device Type:         Coupling facility         Mating End Quantity:         1         Contact Position Arrangement Style:         31 number 20 single mating end single contact grouping         Polarization Method:         Keyway or multiple keyway         Insert Position In Deg:         0.0         Shell Type:         Solid         Contact Locking Method:	2a
Body Style:         Straight shape, external coupling         Overall Length:         0.990 inches         Overall Height:         Batween 1.338 inches and 1.348 inches         Overall Vidith:         Between 1.338 inches and 1.348 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 D Stance Between Mounting Facilities Parallel To Height:         Between 1.057 inches and 1.067 inches         Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:         Between 1.057 inches and 1.067 inches         Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:         Between 1.057 inches and 0.728 inches         Threaded Device Type:         Coupling facility         Mating End Quantity:         1         Contact Position Arrangement Style:         31 number 20 single mating end single contact grouping         Polarization Method:         Keyway or multiple keyway         Insert Position In Deg:         0.0         Shell Type:         Solid         Contact Removability:	Thread Direction:
Straight shape, external coupling         Overall Length:         0.990 inches         Overall Height:         Between 1.338 inches and 1.348 inches         Overall Width:         Between 1.338 inches and 1.348 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:         Between 1.057 inches and 1.067 inches         Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:         Between 1.057 inches and 0.728 inches         Distance From Mounting Shulder To Front Face:         Between 0.708 inches and 0.728 inches         Threaded Device Type:         Coupling facility         Mating End Quantity:         1         Contact Position Arrangement Style:         31 number 20 single mating end single contact grouping         Polarization Method:         Keyway or multiple keyway         Insert Position In Deg:         0.0         Shell Type:         Sold         Contact Locking Method:         Externally threaded coupling ring <t< td=""><td>Right-hand</td></t<>	Right-hand
Overall Length:         0.990 inches         Overall Height:         Between 1.338 inches and 1.348 inches         Overall Width:         Between 1.338 inches and 1.348 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:         Between 1.057 inches and 1.067 inches         Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:         Between 1.057 inches and 1.067 inches         Distance From Mounting Shoulder To Front Face:         Between 0.708 inches and 0.728 inches         Threaded Device Type:         Coupling facility         Mating End Quantity:         1         Contact Position Arrangement Style:         31 number 20 single mating end single contact grouping         Plarization Method:         Kayway or multiple kayway         Insert Position In Deg:         0.0         Shell         Contact Locking Method:         Kayway or multiple kayway         Insert Position In Deg:         0.0         Shell	Body Style:
0.990 indus Overall Height: Between 1.338 inches and 1.348 inches Overall Width: Between 1.338 inches and 1.348 inches Furiormental Protection: Hunidity resistant and salt water resistant and shock proof and vibration proof Unthreaded Mounting Hole Diameter: Between 0.116 inches and 0.125 inches Center O Stance Between Mounting Facilities Parallel To Height: Between 1.057 inches and 1.067 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: Between 0.0708 inches and 0.728 inches Couping facility Mating End Quantity: 1 Contact Position Arrangement Style: 31 number 20 single mating end Contact Renovability: Removable single mating end single contact grouping Plarization Method: Keyway or multiple keyway Insert Position In Deg: 0.0 Shell Type: Solid Contect Locking Method: Retween Contexing Hamiles Single Method: Solid Contect Locking Me	Straight shape, external coupling
Overall Height:         Between 1.338 inches and 1.348 inches         Overall Width:         Between 1.338 inches and 1.348 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:         Between 1.057 inches and 1.067 inches         Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:         Between 0.708 inches and 0.728 inches         Distance From Mounting Shoulder To Front Face:         Between 0.708 inches and 0.728 inches         Threaded Device Type:         Coupling facility         Mating End Quantity:         1         Contact Position Arrangement Style:         31 number 20 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         Connect Locking Method:         Externally threaded coupling ring         Threaded I bevice Type:	Overall Length:
Between 1.338 inches and 1.348 inches         Overall Width:         Between 1.338 inches and 1.348 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:         Between 1.057 inches and 1.067 inches         Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:         Between 0.708 inches and 0.728 inches         Distance From Mounting Shoulder To Front Face:         Between 0.708 inches and 0.728 inches         Threaded Device Type:         Coupling facility         Mating End Quantity:         1         Contact Position Arrangement Style:         31 number 20 single mating end         Contact Removability:         Removable single mating end single contact grouping         Polarization Method:         Negway or multiple keyway         Insert Position In Deg:         0.0         Shell Type:         Solid         Connect Locking Method:         Externally threaded coupling ring         Threaded I bey ber Inch (tpi):         18	0.990 inches
Overall Width:         Between 1.338 inches and 1.348 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:         Between 1.057 inches and 1.067 inches         Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:         Between 0.057 inches and 1.067 inches         Distance From Mounting Shoulder To Front Face:         Between 0.708 inches and 0.728 inches         Threaded Device Type:         Coupling facility         Mating End Quantity:         1         Contact Position Arrangement Style:         31 number 20 single mating end single contact grouping         Polarization Method:         Kayway or multiple keyway         Insert Position In Deg:         0.0         Shell Type:         Solid         Connector Locking Method:         Externally threaded coupling ring         Thready dy Per Inch (tpi):         18	Overall Height:
Between 1.338 inches and 1.348 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: Between 1.057 inches and 1.067 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: Between 1.057 inches and 1.067 inches Distance From Mounting Shoulder To Front Face: Between 0.708 inches and 0.728 inches Threaded Device Type: Coupling facility Mating End Quantity: 1 Coupling facility Mating End Quantity: 1 Removable single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: Could Shell Type: Solid Connector Locking Method: Externally threaded coupling ring Thready Qty Per Inch (tpi): 18	Between 1.338 inches and 1.348 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: Between 1.057 inches and 1.067 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: Between 1.057 inches and 1.067 inches Distance From Mounting Shoulder To Front Face: Between 0.708 inches and 0.728 inches Threaded Device Type: Coupling facility Mating End Quantity: 1 Contact Position Arrangement Style: 31 number 20 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 coupling ring Thready Qty Per Inch (tpl): 18	Overall Width:
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:         Between 1.057 inches and 1.067 inches         Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:         Between 1.057 inches and 1.067 inches         Distance From Mounting Shoulder To Front Face:         Between 0.708 inches and 0.728 inches         Threaded Device Type:         Coupling facility         Mating End Quantity:         1         Contact Position Arrangement Style:         31 number 20 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 coupling ring         Thready Qty Per Inch (tpi):         18	Between 1.338 inches and 1.348 inches
Unthreaded Mounting Hole Diameter:         Between 0.116 inches and 0.125 inches         Center To Center Distance Between Mounting Facilities Parallel To Height:         Between 1.057 inches and 1.067 inches         Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:         Between 1.057 inches and 1.067 inches         Distance From Mounting Shoulder To Front Face:         Between 0.708 inches and 0.728 inches         Threaded Device Type:         Coupling facility         Mating End Quantity:         1         Contact Position Arrangement Style:         31 number 20 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 coupling ring         Thready Qty Per Inch (tpi):         18         Thread Size:	Environmental Protection:
Between 0.116 inches and 0.125 inches         Center To Center Distance Between Mounting Facilities Parallel To Height:         Between 1.057 inches and 1.067 inches         Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:         Between 1.057 inches and 1.067 inches         Distance From Mounting Shoulder To Front Face:         Between 0.708 inches and 0.728 inches         Threaded Device Type:         Coupling facility         Mating End Quantity:         1         Contact Position Arrangement Style:         31 number 20 single mating end         Contact Removability:         Removable single mating end single contact grouping         Polarization Method:         Keyway or multiple keyway         Bett Type:         Solid         Connector Locking Method:         Externally threaded coupling ring         Thready Cty Per Inch (tpi):         18         Thread Size:	Humidity resistant and salt water resistant and shock proof and vibration proof
Center To Center Distance Between Mounting Facilities Parallel To Height:         Between 1.057 inches and 1.067 inches         Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:         Between 1.057 inches and 1.067 inches         Distance From Mounting Shoulder To Front Face:         Between 0.708 inches and 0.728 inches         Threaded Device Type:         Coupling facility         Mating End Quantity:         1         Contact Position Arrangement Style:         31 number 20 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         Solid         Connector Locking Method:         Externally threaded coupling ring         Thready Qty Per Inch (tpi):         18         Thread Size:	Unthreaded Mounting Hole Diameter:
Between 1.057 inches and 1.067 inches         Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:         Between 1.057 inches and 1.067 inches         Distance From Mounting Shoulder To Front Face:         Between 0.708 inches and 0.728 inches         Threaded Device Type:         Coupling facility         Mating End Quantity:         1         Contact Position Arrangement Style:         31 number 20 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 coupling ring         Thready Qty Per Inch (tpi):         18         Thread Size:	Between 0.116 inches and 0.125 inches
Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: Between 1.057 inches and 1.067 inches Distance From Mounting Shoulder To Front Face: Between 0.708 inches and 0.728 inches Threaded Device Type: Coupling facility Mating End Quantity: 1 Contact Position Arrangement Style: 31 number 20 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 coupling ring Thready Qty Per Inch (tpi): 18 Thread Size:	Center To Center Distance Between Mounting Facilities Parallel To Height:
Between 1.057 inches and 1.067 inches         Distance From Mounting Shoulder To Front Face:         Between 0.708 inches and 0.728 inches         Threaded Device Type:         Coupling facility         Mating End Quantity:         1         Contact Position Arrangement Style:         31 number 20 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         Concector Locking Method:         Externally threaded coupling ring         Thready Qty Per Inch (tpi):         18         Thread Size:	Between 1.057 inches and 1.067 inches
Distance From Mounting Shoulder To Front Face:         Between 0.708 inches and 0.728 inches         Threaded Device Type:         Coupling facility         Mating End Quantity:         1         Contact Position Arrangement Style:         31 number 20 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 coupling ring         Thready Qty Per Inch (tpi):         18         Thread Size:	Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:
Between 0.708 inches and 0.728 inches         Threaded Device Type:         Coupling facility         Mating End Quantity:         1         Contact Position Arrangement Style:         31 number 20 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 coupling ring         Thready Qty Per Inch (tpi):         18         Thread Size:	Between 1.057 inches and 1.067 inches
Threaded Device Type:Coupling facilityMating End Quantity:1Contact Position Arrangement Style:31 number 20 single mating endContact Removability:Removable single mating end single contact groupingPolarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Externally threaded coupling ringThready Qty Per Inch (tpi):18Thread Size:	Distance From Mounting Shoulder To Front Face:
Coupling facility Mating End Quantity: 1 Contact Position Arrangement Style: 31 number 20 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 coupling ring Thready Qty Per Inch (tpi): 18	Between 0.708 inches and 0.728 inches
Mating End Quantity:         1         Contact Position Arrangement Style:         31 number 20 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 coupling ring         Thready Qty Per Inch (tpi):         18         Thread Size:	Threaded Device Type:
1         Contact Position Arrangement Style:         31 number 20 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 coupling ring         Thready Qty Per Inch (tpi):         18         Thread Size:	Coupling facility
Contact Position Arrangement Style:31 number 20 single mating endContact Removability:Removable single mating end single contact groupingPolarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Externally threaded coupling ringThready Qty Per Inch (tpi):18Thread Size:	Mating End Quantity:
31 number 20 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 coupling ring         Thready Qty Per Inch (tpi):         18         Thread Size:	1
Contact Removability:Removable single mating end single contact groupingPolarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Externally threaded coupling ringThready Qty Per Inch (tpi):18Thread Size:	Contact Position Arrangement Style:
Removable single mating end single contact groupingPolarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Externally threaded coupling ringThready Qty Per Inch (tpi):18Thread Size:	31 number 20 single mating end
Polarization Method:Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Externally threaded coupling ringThready Qty Per Inch (tpi):18Thread Size:	Contact Removability:
Keyway or multiple keywayInsert Position In Deg:0.0Shell Type:SolidConnector Locking Method:Externally threaded coupling ringThready Qty Per Inch (tpi):18Thread Size:	Removable single mating end single contact grouping
Insert Position In Deg: 0.0 Shell Type: Solid Connector Locking Method: Externally threaded coupling ring Thready Qty Per Inch (tpi): 18 Thread Size:	Polarization Method:
0.0 Shell Type: Solid Connector Locking Method: Externally threaded coupling ring Thready Qty Per Inch (tpi): 18 Thread Size:	Keyway or multiple keyway
Shell Type:SolidConnector Locking Method:Externally threaded coupling ringThready Qty Per Inch (tpi):18Thread Size:	Insert Position In Deg:
Solid Connector Locking Method: Externally threaded coupling ring Thready Qty Per Inch (tpi): 18 Thread Size:	0.0
Connector Locking Method: Externally threaded coupling ring Thready Qty Per Inch (tpi): 18 Thread Size:	Shell Type:
Externally threaded coupling ring Thready Qty Per Inch (tpi): 18 Thread Size:	Solid
Thready Qty Per Inch (tpi): 18 Thread Size:	Connector Locking Method:
18 Thread Size:	Externally threaded coupling ring
Thread Size:	Thready Qty Per Inch (tpi):
	18
1.188 inches	Thread Size:
	1.188 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
Insert Material:
Plastic epoxy single mating end
Contact Surface Treatment Specification:
Mil-g-45204, type 1, cl 2 military specification single treatment response 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 federal specification single treatment response
Shell Material Specification:
Qq-a-367 federal specification single material response
Included Contact Quantity:
31 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:
0.031 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-83723/82 government specification
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:



## Mil-std (military Standard):

Mil-g-45204 spec.