NSN 5935-01-157-5727

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-157-5727

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape threaded

Overall Length:

32.0 millimeters

Overall Diameter:

Between 53.8 millimeters and 54.8 millimeters

Environmental Protection:

Moisture proof and salt water resistant and vibration proof and corrosion resistant and dust resistant and fuel resistant and fungus resistant and humidity resistant and oil resistant and shock resistant and thermal shock resistant and vibration resistant

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:

Back shell and mounting bushing

Mating End Quantity:

1

Contact Position Arrangement Style:

21-16 single mating end

Contact Removability:

Removable single mating end single contact grouping

Polarization Method:

Key, multiple key groove

Insert Position In Deg:

0.0 and 90.0 and 270.0

Shell Type:

Solid

Connector Locking Method:

Detent

Operating Tempurature Rating:

Between -65.0 degrees celsius and 175.0 degrees celsius

Thread Size:

31.0 millimeters and 41.0 millimeters

Thread Pitch In Millimeters:

1.00 and 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

NSN 5935-01-157-5727

Electrical Receptacle Connector - Page 2 of 2



| Insert Material: Plastice poxy single mating end Contact Surface Treatment Specification: Mili-g-45204 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 Specification: Cadmium Shell Surface Treatment Specification: Cap-g-416 federal specification single treatment response Thread Tolerance Class: Sig external and 6g external Included Contact Quantity: 16 single mating end single contact grouping Bushing Accommodation Hole Shape: Round writat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.016 gold grains, troy Precious Material And Weight: 0.016 gold grains, troy Precious Contact Surface and Surface 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 and iso m Specification Data: 31349-dod-v-38999444 government specification Shelf Life: No Unit Of Measure: | |
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| Contact Surface Treatment Specification: Mil-g-45204 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: Cadmium Shell Surface Treatment Specification Cadmium Shell Surface Treatment Specification: Contact Surface 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 and iso m Specification Data: B1349-dod-c-38999/44 government specification Shelf Life: No | Insert Material: |
| Mil-q-45204 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: Cq-p-416 federal specification single treatment response Thread Tolerance Class: Gg external and 6g external Included Contact Quantity: 16 single mating end single contact grouping Bushing Accommodation Hole Shape: Round willat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.016 gold grains, troy Precious Material And Weight: 0.016 gold grains, troy Precious Material: Gold Test Data Document: 81349-doct-c-38999 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.). Thread Series Designator: Iso m and iso m Specification Data: 81349-doct-c-38999/44 government specification Shelf Life: N/a | Plastic epoxy single mating end |
| Terminal Type: Crimp single mating end single contact grouping Shell Material: Alturnium alloy Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-p-416 federal specification single treatment response Thread Tolerance Class: 8g external and 6g external Included Contact Quantity: 16 single mating end single contact grouping Bushing Accommodation Hole Shape: Round willtat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.016 gold grains, troy Precious Material: 81349-40c4c-38999 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.). Thread Series Designator: Iso m and iso m Specification Data: 81349-40c4c-38999/44 government specification Shelf Life: N/a | Contact Surface Treatment Specification: |
| Crimp single mating end single contact grouping Shell Material: Altuminum alloy Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-p-416 federal specification single treatment response Thread Tolerance Class: 8g external and 6g external Included Contact Quantity: 16 single mating end single contact grouping Bushing Accommodation Hole Shape: Round wiflat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.016 gold grains, troy Precious Material: 6Gold Test Data Document: 81349-40dc-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: Iss or and is or Specification Data: 81349-40dc-38999/44 government specification Shelf Life: N/a | Mil-g-45204 military specification single treatment response 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 Thread Tolerance Class: 6g external and 6g external Included Contact Quantity: 16 single mating end single contact grouping Bushing Accommodation Hole Shape: Round writlat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.016 gold grains, troy Precious Material And Weight: 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: Iss on and iso m Specification Data: B1349-dod-c-38999/44 government specification Shelf Life: N/a | Terminal Type: |
| Aluminum alloy Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-p-416 federal specification single treatment response Thread Tolerance Class: 6g external and 6g external Included Contact Quantity: 16 single mating end single contact grouping Bushing Accommodation Hole Shape: Round w/flat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.016 gold grains, troy Precious Material: Gold Test Data Document: B1349-dod-c-38999 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specificatio 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 and iso m Specification Data: B1349-dod-c-38999/44 government specification Shelf Life: N/a | Crimp single mating end single contact grouping |
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| Shell Surface Treatment Specification: Qq-p-416 federal specification single treatment response Thread Tolerance Class: 6g external and 6g external Included Contact Quantity: 16 single mating end single contact grouping Bushing Accommodation Hole Shape: Round w/flat Included Contact Type: Round Socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.016 gold grains, troy Precious Material: Gold Test Data Document: Bri349-dod-o-38999 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.). Thread Series Designator: Iss on and iso m Specification Data: Bri349-dod-o-38999/44 government specification Shelf Life: N/a | Aluminum alloy |
| Shell Surface Treatment Specification: Qq-p-416 federal specification single treatment response Thread Tolerance Class: 6g external and 6g external Included Contact Quantity: 16 single mating end single contact grouping Bushing Accommodation Hole Shape: Round w/flat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.016 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 specificatio 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 and iso m Specification Data: 81349-dod-c-38999/44 government specification Shelf Life: N/a | Shell Surface Treatment: |
| Outp-416 federal specification single treatment response Thread Tolerance Class: 6g external and 6g external Included Contact Quantity: 16 single mating end single contact grouping Bushing Accommodation Hole Shape: Round w/flat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: O.016 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 and iso m Specification Data: 81349-dod-c-38999/44 government specification Shelf Life: N/a | Cadmium |
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| | Shelf Life: |
| Unit Of Measure: | N/a |
| | Unit Of Measure: |
| . | - |
| Demilitarization: | Demilitarization: |

Mil-g-45204 spec.

Mil-std (military Standard):

No Fiig: A039b0