NSN 5935-00-175-8855

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-175-8855 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape, external coupling **Overall Length:** 1.938 inches **Overall Height:** Between 1.969 inches and 2.031 inches **Overall Width:** Between 1.969 inches and 2.031 inches **Environmental Protection:** Moisture proof 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 1.557 inches and 1.567 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: Between 1.557 inches and 1.567 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:** 28-21 single mating end **Contact Removability:** Nonremovable single mating end single contact grouping **Contact Maximum Current Rating In Amps:** 22.0 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

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| Connector Locking Method: |
|--|
| Externally threaded shell |
| Thread Length: |
| 0.625 inches |
| Thready Qty Per Inch (tpi): |
| 18 |
| Thread Size: |
| 1.750 inches |
| Terminal Location: |
| Back single mating end single contact grouping |
| Contact Surface Treatment: |
| Gold single mating end single contact grouping and silver single mating end single contact grouping |
| Criticality Code Justification: |
| Feat |
| Terminal Type: |
| Solder well single mating end single contact grouping |
| Shell Material: |
| Aluminum alloy |
| Shell Surface Treatment: |
| Cadmium |
| Included Contact Quantity: |
| 37 single mating end single contact grouping |
| Included Contact Type: |
| Round pin single mating end single contact grouping |
| Special Features: |
| Item must comply with requirements of defense electronics supply center production standard no. L00662 |
| Precious Material And Location: |
| Contact surfaces gold and contact surfaces silver |
| Precious Material And Weight: |
| 0.037 gold grains, troy and 0.037 silver grains, troy |
| Precious Material: |
| Gold and silver |
| Thread Series Designator: |
| Uns |
| Shelf Life: |
| N/a |
| Unit Of Measure: |
| |
| Demilitarization: |
| No |
| Fiig: |
| A039b0 |