## NSN 5935-00-491-2822

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-491-2822 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape, external coupling **Overall Length:** 1.531 inches **Overall Height:** Between 2.485 inches and 2.515 inches **Overall Width:** Between 2.485 inches and 2.515 inches **Environmental Protection:** Moisture resistant and salt water resistant and vibration resistant **Unthreaded Mounting Hole Diameter:** Between 0.171 inches and 0.177 inches Center To Center Distance Between Mounting Facilities Parallel To Height: Between 1.933 inches and 1.943 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: Between 1.933 inches and 1.943 inches **Threaded Device Type:** Coupling facility **Mating End Quantity: Contact Position Arrangement Style:** 36-10 single mating end **Contact Removability:** Removable single mating end single contact grouping **Contact Maximum Current Rating In Amps:** 22.0 single mating end single contact grouping **Polarization Method:** Keyway or multiple keyway **Insert Position In Deg:** 80.0 **Shell Type:** Solid **Connector Locking Method:** Externally threaded shell Thread Length: 0.625 inches

16

Thready Qty Per Inch (tpi):

NSN 5935-00-491-2822 Electrical Receptacle Connector - Page 2 of 2



Thread Size:
2.250 inches
Terminal Location:
Back single mating end single contact grouping
Contact Surface Treatment:
Gold single mating end single contact grouping and copper single mating end single contact grouping
Terminal Type:
Crimp single mating end single contact grouping
Shell Material:
Aluminum alloy
Shell Surface Treatment:
Cadmium and chromate
Included Contact Quantity:
48 single mating end single contact grouping
Included Contact Type:
Round pin single mating end single contact grouping
Precious Material And Location:
Contact surfaces gold
Precious Material And Weight:
0.048 gold grains, troy
Precious Material:
Gold
Thread Series Designator:
Un
Shelf Life:
N/a
Unit Of Measure:
-
Demilitarization:
No
Fiig:
A039b0