## NSN 5935-00-257-7643

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-257-7643 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape, external coupling **Overall Length:** 1.719 inches **Overall Height:** 1.312 inches **Overall Width:** 1.312 inches **Environmental Protection:** Pressure proof and moisture resistant and salt water resistant and vibration resistant **Unthreaded Mounting Hole Diameter:** 0.144 inches **Center To Center Distance Between Mounting Facilities Parallel To Height:** 0.972 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: 0.972 inches **Distance From Mounting Shoulder To Front Face:** 0.562 inches **Threaded Device Type:** Coupling facility **Mating End Quantity:** 2 **Contact Position Arrangement Style:** 28-9 single mating end **Contact Removability:** Nonremovable single mating end all contact groupings **Contact Maximum Current Rating In Amps:** 10.0 single mating end all contact groupings **Contact Maximum Ac Voltage Rating In Volts:** 700.0 single mating end all contact groupings **Contact Maximum Dc Voltage Rating In Volts:** 500.0 single mating end all contact groupings **Polarization Method:** Key, multiple key groove **Insert Position In Deg:** 0.0

Shell Type:

Solid

## NSN 5935-00-257-7643

Electrical Receptacle Connector - Page 2 of 2



Connector Locking Method:
Externally threaded shell
Thread Size:
1.250 inches
Terminal Location:
Back single mating end all contact groupings
Contact Material:
Copper alloy single mating end all contact groupings
Contact Surface Treatment:
Gold single mating end all contact groupings and silver single mating end all contact groupings
Insert Material:
Plastic polytetrafluoroethylene single mating end
Terminal Type:
Solder well single mating end all contact groupings
Shell Material:
Aluminum alloy
Shell Surface Treatment:
Cadmium
Included Contact Quantity:
6 single mating end 1st contact grouping
Included Contact Type:
Round pin single mating end all contact groupings
Precious Material And Location:
Contact surfaces gold and contact surfaces silver
Precious Material And Weight:
0.012 gold grains, troy and 0.012 silver grains, troy
Precious Material:
Gold and silver
Thread Series Designator:
Unef
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A039b0