NSN 5935-00-503-8247

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-503-8247 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape, external coupling **Overall Length:** 1.938 inches **Overall Height:** Between 2.719 inches and 2.781 inches **Overall Width:** Between 2.719 inches and 2.781 inches **Environmental Protection:** Moisture resistant and salt water resistant and vibration resistant **Unthreaded Mounting Hole Diameter:** Between 0.168 inches and 0.183 inches Center To Center Distance Between Mounting Facilities Parallel To Height: Between 2.173 inches and 2.193 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: Between 2.173 inches and 2.193 inches **Distance From Mounting Shoulder To Front Face:** Between 0.875 inches and 0.906 inches **Threaded Device Type:** Coupling facility **Mating End Quantity:** 1 **Contact Position Arrangement Style:** 40-2 single mating end **Contact Removability:** Nonremovable single mating end all contact groupings **Contact Maximum Current Rating In Amps:** 22.0 single mating end all contact groupings **Contact Maximum Ac Voltage Rating In Volts:** 900.0 single mating end 2nd contact grouping **Contact Maximum Dc Voltage Rating In Volts:** 2450.0 single mating end 1st contact grouping **Polarization Method:** Keyway or multiple keyway **Insert Position In Deg:** 0.0

Shell Type:

Solid

NSN 5935-00-503-8247

Electrical Receptacle Connector - Page 2 of 2



Connector Locking Method:
Externally threaded shell
Thread Length:
0.625 inches
Thready Qty Per Inch (tpi):
16
Thread Size:
2.500 inches
Terminal Location:
Back single mating end all contact groupings
Terminal Type:
Solder well single mating end all contact groupings
Shell Material:
Aluminum alloy
Shell Surface Treatment:
Cadmium
Shell Surface Treatment Specification:
Qq-p-416, type 2, cl 3 federal specification single treatment response
Included Contact Quantity:
4 single mating end 1st contact grouping
Included Contact Type:
Round pin single mating end all contact groupings
Thread Series Designator:
Un
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A039b0