## NSN 5935-00-517-7721

Electrical Receptacle Connector - Page 1 of 2



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**Thread Class:** 

2a and 2b

**Thread Direction:** 

Right-hand and right-hand

**Body Style:** 

Straight shape, external coupling

**Overall Length:** 

1.430 inches

**Overall Height:** 

Between 1.245 inches and 1.255 inches

**Overall Width:** 

Between 1.245 inches and 1.255 inches

**Environmental Protection:** 

Moisture proof and salt water resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:** 

Between 0.116 inches and 0.125 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 0.964 inches and 0.974 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 0.964 inches and 0.974 inches

**Distance From Mounting Shoulder To Front Face:** 

Between 0.708 inches and 0.728 inches

**Threaded Device Type:** 

Back shell and coupling facility

**Mating End Quantity:** 

1

**Contact Position Arrangement Style:** 

16-24 single mating end

**Contact Removability:** 

Removable single mating end single contact grouping

**Polarization Method:** 

Key, multiple key groove

**Insert Position In Deg:** 

342.0 and 211.0 and 168.0 and 101.0

**Shell Type:** 

Solid

**Connector Locking Method:** 

Externally threaded shell

**Thread Length:** 

0.281 inches and 0.290 inches

Thready Qty Per Inch (tpi):

18

## NSN 5935-00-517-7721

Electrical Receptacle Connector - Page 2 of 2



**Thread Size:** 1.000 inches and 1.062 inches **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 **Insert Material:** Plastic single mating end **Terminal Type:** Crimp single mating end single contact grouping **Shell Material:** Aluminum alloy 6061 **Shell Surface Treatment:** Anodize **Shell Surface Treatment Specification:** Mil-a-8625 military specification single treatment response **Shell Material Specification:** Qq-a-367, comp 6061 federal specification single material response **Included Contact Quantity:** 24 single mating end single contact grouping **Included Contact Type:** Round socket single mating end single contact grouping **Precious Material And Location:** Contact surfaces gold **Precious Material And Weight:** 0.024 gold grains, troy **Precious Material:** Gold **Thread Series Designator:** Unef and uns Shelf Life: N/a **Unit Of Measure: Demilitarization:** No Fiig: A039b0

Mil-a-8625 spec.

Mil-std (military Standard):