NSN 5935-01-497-1412

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-497-1412 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape, external coupling **Overall Length:** Between 0.833 inches and 0.838 inches **Overall Height:** 1.047 inches **Overall Width:** 1.047 inches **Environmental Protection:** Moisture proof and salt water resistant and vibration proof **Unthreaded Mounting Hole Diameter:** Between 0.115 inches and 0.130 inches **Center To Center Distance Between Mounting Facilities Parallel To Height:** 0.812 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: 0.812 inches **Distance From Mounting Shoulder To Front Face:** Between 0.442 inches and 0.447 inches **Threaded Device Type:** Back shell **Mating End Quantity:** 1 **Contact Position Arrangement Style:** 13-98 single mating end **Contact Removability:** Removable single mating end single contact grouping **Polarization Method:** Keyway or multiple keyway **Insert Position In Deg:** 0.0 Shell Type: Solid **Connector Locking Method:** Bayonet pin **End Application:** Hawkeye Thread Length:

0.219 inches

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Thready Qty Per Inch (tpi):	
24	
Thread Size:	
0.688 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	
Contact Surface Treatment Specification:	
Mil-g-45204 military specification single treatment response single mating end single contact grouping	
Terminal Type:	
Crimp single mating end single contact grouping	
Shell Material:	
Aluminum alloy	
Shell Surface Treatment:	
Cadmium	
Shell Surface Treatment Specification:	
Qq-p-416 federal specification single treatment response	
Included Contact Quantity:	
10 single mating end single contact grouping	
Included Contact Type:	
Round pin single mating end single contact grouping	
Precious Material:	
Gold	
Thread Series Designator:	
Unef	
Specification Data:	
96906-ms27497 government standard	
Shelf Life:	
N/a	
Unit Of Measure:	
Demilitarization:	
No	
Filig:	
A039b0	
Mil-std (military Standard):	
Mil-g-45204 spec.	