

## Connector, Parallel Groove

By ANDERSON  
Catalog # [LC542XB](#)

Single Center Bolt Aluminum Parallel Groove Connector with Bonded Copper Liner



\*Representative Image

### Features

- For aluminum to copper conductor connections only
- Sealant (XB) is recommended on all connections

### General

Bolt Head Type	Carriage Bolt
Bolt Installation Torque (Recommended)	240 in-lbs
Inhibitor Loaded	Yes
Material	Aluminum
Material - Body	Aluminum Alloy
Material - Body Halves	Aluminum Alloy
Material - Bolt	Galvanized Steel
Material - Bottom Member	Aluminum Alloy
Material - Casting	Aluminum Alloy
Material - Hardware	Galvanized Steel
Material - Hex Nut	Galvanized Steel
Material - Keeper	Aluminum Alloy
Material - Spacer	Aluminum Alloy
Material - Tap Liner	Bonded Copper
Material - Washer	Galvanized Steel
Plating	No
Product Category	Mechanical Connectors
Style	Single Center Bolt
Type	Parallel Groove
UPC	096359319788

### Dimensions

Bolt Diameter	0.375 in
Dimensions	1.187 in x 1.781 in x 2.000 in
Height	2.000 in
Length	1.187 in
Weight	0.252 lb
Width	1.781 in

### Conductor Related

Conductor Compatibility	ACSR-Turkey-6-6/1;ACSR-Swan-4-6/1;ACSR-Swanate-4-7/1;ACSR-Sparrow-2-6/1;ACSR-Sparate-2-7/1;ACSR-Robin-1-6/1;ACSR-Raven-1/0-6/1;AAC-Peachbell-6-7;AAC-Rose-4-7;AAC-Iris-2-7;AAC-Pansy-1-7;AAC-Poppy-1/0-7;AAAC 6201 Alloy-Akron-30.58-6/18;AAAC 6201 Alloy-Alton-48.69-6/18;AAAC 6201 Alloy-Ames-77.47-6/18;AAAC 6201 Alloy-Azusa-123.3-6/18
Conductor Diameter (Main) - Maximum	0.398 in
Conductor Diameter (Main) - Minimum	0.158 in
Conductor Diameter (Main) Range	0.158 - 0.398
Conductor Diameter (Tap) - Maximum	0.528 in
Conductor Diameter (Tap) - Minimum	0.368 in
Conductor Type	Aluminum/Copper

### Certifications and Compliance

UL Listed	No
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### Logistics

Pallet Quantity	4800
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### Product Assets

[Catalogs - Distribution Connectors \(CA05127E\)](#)  
[Sales Drawings - C-1472](#)

### Related Products

[LC511AXB - Connector, Parallel Groove](#)  
[LC522AXB - Connector, Parallel Groove](#)

