



AYP6, Compression Pin Adapter, 6 AWG, .23" Pin Dia, AL9CU

By Burndy
Catalog # [AYP6](#)

6 AWG, Aluminum, Termination, 0.23 Inch Pin Dia, 0.68 Inch Pin Length, AL9CU



Features

- All-aluminum electro-tin plated design eliminates possible bi-metallic corrosion
- Provides the shortest connector length design possible permitting easy installation in equipment with limited working space
- Solid electro-tin plated aluminum plug
- Proper electrical connection made easily and eliminates the "how tight is tight" issue
- Solid plug has equivalent cross-sectional area as current carrying equivalent copper wire permitting use of larger aluminum wire to connect equipment
- Offset plug design available in sizes 2/0 through 750 kcmil providing flexibility and maximizing the use of limited space while eliminating interference between conductors and equipment
- Electro-tin plating resists corrosion
- Factory pre-filled with PENETROX oxide inhibiting compound with conductive metallic particles to penetrate aluminum oxide between strands and forms an air-tight connection
- EPDM rubber covers supplied with each connector and rated for 600V eliminating taping
- Only 5 die sets are required to install the complete line from #6 to 750 kcmil reducing inventory requirements
- Supplied in plastic convenience pack so cover and connector are kept together and free of foreign material until opened
- Connectors are clearly marked with catalog number, wire size, along with a color-coded die index providing clear, easy to use information

Application

Wire Termination

Specifications

Buy American Compliant	Contact Manufacturer
Certification - cULus	No
EU RoHS Indicator	Yes
Certification - UL Recognized	No
Industry Standard(s)	UL 486A-486B
Certification - ETL	No
Standards - Industry Standards Met	UL 486A-486B
Standards - RoHS Compliance Status	CM
Certification - CSA Approved	Yes

UL Listed

Yes

Conductor

Conductor - Material	ALUMINUM / COPPER
Wire Size	6 AWG
Conductor - Copper Str Size	6 AWG
Conductor - Copper Flex I Size Range	8 AWG
Conductor - AL Str Size	6 AWG
Conductor - AL Str Size Range	6 AWG
Conductor - Copper Solid Size	6 AWG
Conductor - Copper Solid Size Range	6 AWG
Conductor - Copper Str Compact Size	6 AWG
Conductor - Copper DLO Size	8 AWG
Conductor - Copper DLO Size Range	8 AWG
Conductor Size	6 AWG
Conductor - Copper Str Size Range	6 AWG
Conductor Type	CODE/FLEX
Conductor - Copper Flex I Size	6 AWG

Configuration

Physical Attribute - Number of Crimps Required	1
Connector Type	INLINE PIN

Current

Voltage - Maximum	35000 V
Voltage Rating	35 kV

Dimensions

Dimension - L Length Overall mm	47 mm
Dimension - P inch	0.68 in
Dimension - Strip Length inch	1-1/16
Width	0.6 in
Dimension - A Outside Diameter inch	0.60 in
Dimension - B Length fraction	1 in
Dimension - B Outside Diameter inch	0.23 in
Dimension - B Length inch	1.00 in

Length	1.85 in
Equivalent Pin Size	4 AWG
Dimension - Length Overall inch	1.85 in
Height	0.6 in
Dimensions	1.85 in x 0.6 in x 0.6 in

UPC 12 Digit	781810737507
UPC 14 Digit GTIN	00781810737507
Material	ALUMINUM
Plating Type	Tin
Finish Type	Tin-Plated
UPC	781810737507

General

Die Index	296
Insulation Type	EPDM Rubber
Trade Name	HYPLUG™
Insulation	Y
Sub Brand	HYPLUG
Terminal Type	Pin
Color Code	Tan
Pin Type	Solid
Plated	Y
Type	Aluminum Pin Adapters

Logistics

Minimum Pack Quantity	1
Carton Quantity	25
Pallet Quantity	11600

Operational

Temperature Rating	194
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Product Assets

[Catalog \[English\]](#)



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