BURNDY®

AYPO750, Compression Pin Adapter, 700/750 kcmil, .81" Pin Dia, 1.76" Pin Length, AL9CU

By Burndy
Catalog # AYPO750

750 kcmil, Aluminum, Termination, 0.81 Inch Pin Dia, 1.76 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	No
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	750 KCMIL
Conductor - Copper Str Size	750 KCMIL
Conductor - AL Str Size	750 KCMIL
Conductor - AL Str Size Range	750 kcmil
Conductor - Copper Str Compact Size	750 KCMIL
Conductor - Copper DLO Size	535 KCMIL
Conductor - Copper DLO Size Range	535 kcmil
Conductor Size	750 KCMIL
Conductor - Copper Str Size Range	750 kcmil
Conductor Type	CODE/FLEX
Conductor - Copper Flex I Size	-

Configuration

Physical Attribute - Number of Crimps Required	3
Connector Type	OFFSET PIN

Current

Voltage - Maximum	35000 V
Voltage Rating	35 kV

Dimensions

Dimension - L Length Overall mm	106 mm
Dimension - P inch	1.76 in
Dimension - Strip Length inch	1-3/4 in
Width	1.46 in
Dimension - A Outside Diameter inch	1.46 in
Dimension - B Length fraction	1-5/8 in
Dimension - B Outside Diameter inch	0.81 in
Dimension - B Length inch	1.59 in
Length	4.16 in
Equivalent Pin Size	500 kcmil
Dimension - Length Overall inch	4.16 in

Height	1.46 in	Material	ALUMINUM
Dimensions	4.16 in x 1.46 in x 1.46 in	Plating Type	Tin
		Finish Type	Tin-Plated
		UPC	781810738535

General

Die Index	936		
Insulation Type	Rubber		
Trade Name	HYPLUG™		

Logistics

Insulation	Y	Minimum Pack Quantity	1
Sub Brand	HYPLUG	Carton Quantity	6
Terminal Type	Pin	Pallet Quantity	1776
Color Code	Yellow		
Pin Type	Solid		
Plated	Y		

Operational

Type	Aluminum Pin Adapters	Temperature Rating	194
UPC 12 Digit	781810738535		
UPC 14 Digit GTIN	00781810738535		

Product Assets

Catalog [English]