

**Introducing**  
AMP Economy Power (EP)  
Shrouded Post Headers

# AMP Economy Power (EP) Shrouded Post Headers

## KEY FEATURES

- Fully shrouded header helps to eliminate mismatings
- 2 -12 position vertical headers
- Mates with existing EP and EPII plug housings with receptacle contacts
- RoHS compliant

## DESCRIPTION

An extension of the current EP product offering

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Wire-to-board application

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0.156 [3.96] centerline system

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Provides a complete shrouded header for better mating alignment

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Mates with current EP and EPII plug housings with receptacle contacts

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Positive audible latch

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## APPLICATIONS

Household Appliances

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HVAC

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Gasoline Pumps

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Coin Changers/Vending Machines

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Industrial Machinery

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## ELECTRICAL

Voltage rating: 250 VAC

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Current rating: 7.5 amp max. (2 to 12 pos.)

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Dielectric withstanding voltage: 1.5kV AC min.

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## MECHANICAL

Operating temperature -13°F to +221°F (-25°C to +105°C)

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## MATERIALS

Housing: PBT glass filled UL 94V-0

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Contact: Brass, Finish: 1.0 µm tin over 0.8 µm nickel

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## STANDARDS & SPECIFICATIONS

Meets existing EP Product Specifications: 108-5609

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UL File E28476

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CSA LR7189

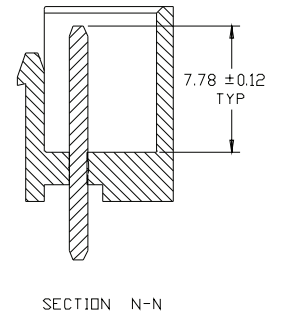
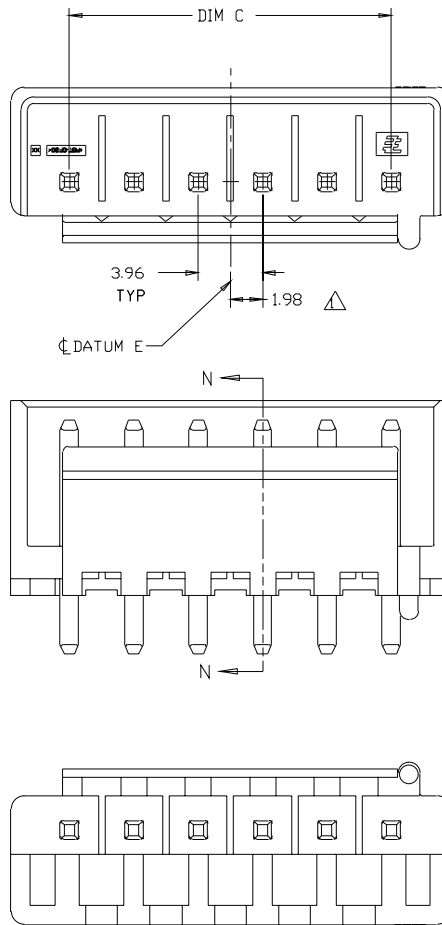
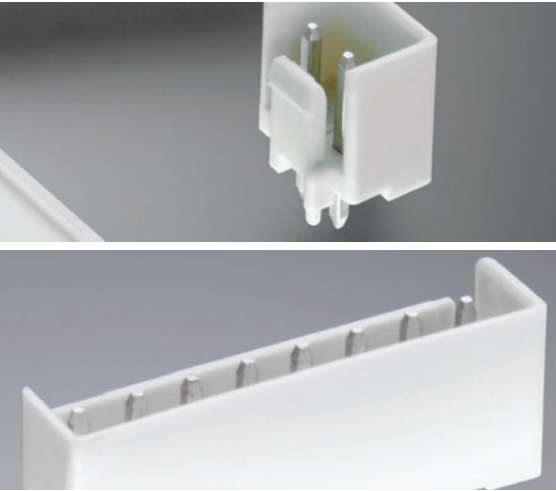
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Application Specification - 114-1021

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# AMP Economy Power (EP) Shrouded Post Headers

## PRODUCT DIMENSION



### Vertical Headers

No. of Pos.	Dim. C	Part Number
2	.156 [3.96]	1877285-2
3	.312 [7.92]	1877285-3
4	.468 [11.88]	1877285-4
5	.624 [15.84]	1877285-5
6	.779 [19.80]	1877285-6
7	.935 [23.76]	1877285-7
8	1.091 [27.72]	1877285-8
9	1.247 [31.68]	1877285-9
10	1.403 [35.64]	1-877285-0
11	1.560 [39.60]	1-877285-1
12	1.715 [43.56]	1-877285-2

## FOR MORE INFORMATION

### Technical Support

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E-mail: [newproducts@tycoelectronics.com](mailto:newproducts@tycoelectronics.com)  
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Mexico: 1-800-733-8926  
C. America: 52-55-1106-0803  
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