

## FEATURES AND SPECIFICATIONS

## Features and Benefits

- High current
- Fully polarized
- Positive locks
- Low engagement force
- Wire-to-wire, wire-to-board
- Mandatory Terminal Position Assurance (TPA) clip

## Reference Information

Product Specification: PS-42815-0001

Packaging: Bag

UL File No.: E29179

CSA File No.: LR19980

TUV License No.: R9751144

Mates With: [42818](#) plug housing, [42819](#) and [42820](#) headersUse With: [42815](#) female terminal

Designed In: Millimeters

## Electrical

Voltage: 600V

Current: 50.0A max.\*

Insulation Resistance: 1000 MΩ min.

## Mechanical

Contact Insertion Force: 29.4N max.

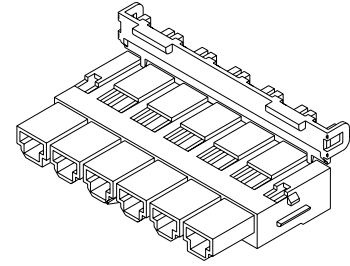
Contact Retention to Housing: 98.1N min.

## Physical

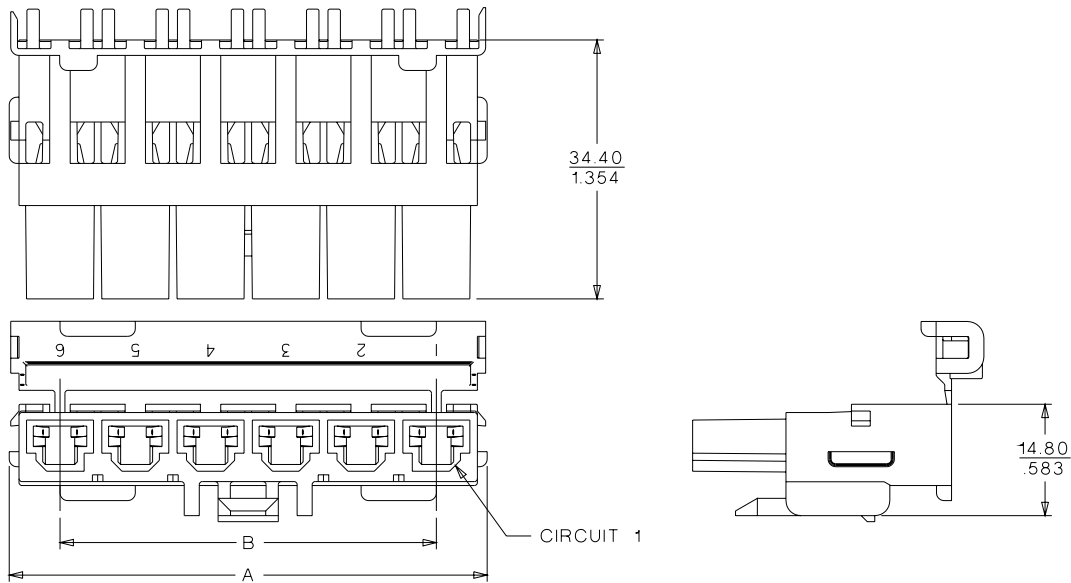
Housing: Polyester, UL 94V-0

Operating Temperature: -40 to +105°C

\* Depending on circuit size, wire gauge and PCB. Please refer to product specification.


**10.00mm (.393") Pitch  
Mini-Fit, Sr.<sup>TM</sup>  
Receptacle Housing**
**42816**  
**Single Row**


## CATALOG DRAWING (FOR REFERENCE ONLY)



## ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.	Dimension	
		A	B
2	42816-0212	23.50 (.925)	10.00 (.393)
3	42816-0312	33.50 (1.318)	20.00 (.787)
4	42816-0412	43.50 (1.712)	30.00 (1.181)
5	42816-0512	53.50 (2.106)	40.00 (1.574)
6	42816-0612	63.50 (2.499)	50.00 (1.968)