

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 headers

Use 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

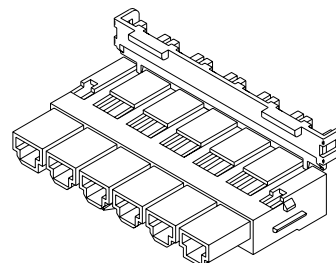
Operating Temperature: -40 to +105°C

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

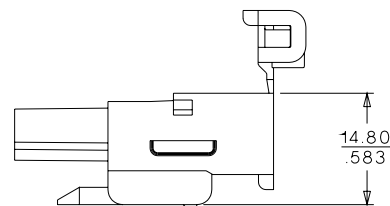
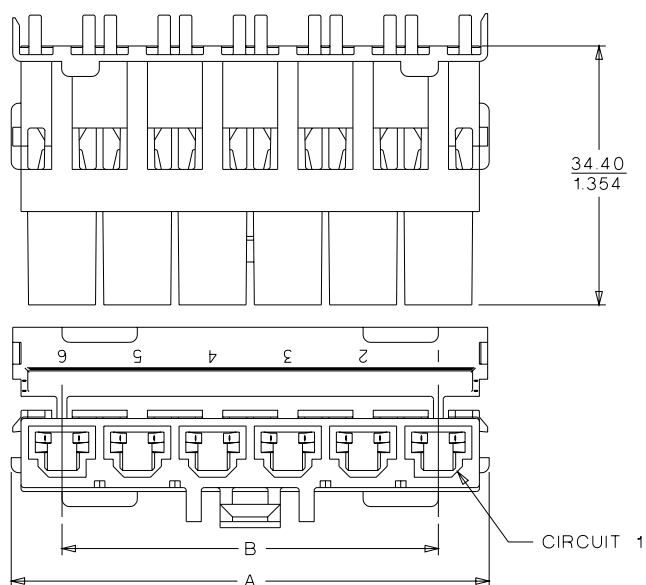


10.00mm (.393") Pitch Mini-Fit, Sr.TM Receptacle Housing

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)