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Rack and Panel/Metal to Metal Series 100 Two-Piece Connector

.100" (2.54mm) and .200" (5.08mm) Contact Spacing



FEATURES

- .100" (2.54mm) or .200" (5.08mm) Contact Spacing for Contacts on Strips. Other Spacings Accommodated with Loose Contacts
- Assemble onto .062" (1.57mm) or .125" (3.18mm) Nominal Thickness PC Board by Staking and/or Soldering of Contact Tails
- EDACON Hermaphroditic Contact Mating Design
- Card Guides, Guide Pins, Guide Sockets and Polarizing Sleeves to Ensure Correct Alignment and Mating are Available
- Handling and Assembly Simplified with Contacts on Strips
- Designed to Mate with 100 Series Contacts in Parallel or Perpendicular Board Configurations

SPECIFICATIONS

- Contact Material: Phosphor Bronze Alloy CA-510

- Contact Plating: Gold over Nickel for Entire Contact
- Current Rating: 5 or 10 Amperes (See Ordering Code Notes)
- Contact Resistance: 10 Milliohms Maximum
- Insertion and Withdrawal Force: 2 to 16 oz (0.56 to 4.45 N) per Contact

ORDERING CODE (LOOSE CONTACTS)



ORDERING (CONTACTS ON STRIPS)



Series and Pattern ^{5,6}	Pattern Description
103	----- Horizontal
105	Vertical
106	//////// 45 Degree

Total Number of Contacts ⁷	Contact Spacing
002, 003,...060	.200" (5.08mm)
002, 003,...120	.100" (2.54mm)

Contact Code ^{1,2,4}	Pattern	Contact Spacing
201, 202, 203, 204 or 206	105	.200" (5.08mm)
208	105	.100" (2.54mm) or .200" (5.08mm)
250, 251, 450 or 451	103 or 106	.200" (5.08mm)
252 or 253	103 or 106	.100" (2.54mm) or .200" (5.08mm)

Spacing Code	Contact Spacing
100	.100" (2.54mm)
200	.200" (5.08mm)

Ordering Code Notes

- 1) Contact codes 208, 252 and 253 are rated for 5 Amperes current. All others contacts are rated for 10 Amperes.
- 2) Contact codes 208, 252 and 253 will mate together, but not with the other contacts listed.
- 3) Contact codes 210 and 258 are available loose only.
- 4) Contact codes 450 and 451 are designed for .125" (3.18mm) thick circuit boards. All other contacts are designed for .062" (1.57mm) thick boards.
- 5) Pattern schematics represent views toward the tip of the contact tails.
- 6) Consult with Edac regarding double row staggered patterns for contact codes 250, 251, 450 or 451. Available with up to 60 contacts per row, these patterns have .125" (3.18mm) row spacing for use on mother boards that mate with upper and lower tier daughter board contacts.
- 7) All strip lengths up to 60 or 120 contacts (as determined by spacing and pattern) are available upon request.

[Connector Sizes and Dimensions](#)

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