



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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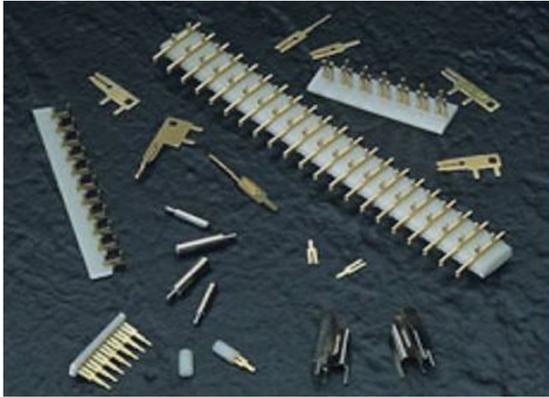
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100 SERIES CONTACTS FOR P.C. BOARD



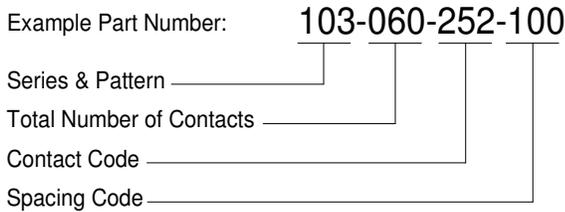
FEATURES:

- .100 (2.54) or .200 (5.08) Contact spacing for contacts on strips. Other spacings accommodated with loose contacts.
- Assemble into .062 (1.57) or .125 (3.18) Nominal thickness P.C. 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 design.
- Handling and assembly simplified with contacts on strips.
- Designed to mate with 100 series contacts in parallel or perpendicular board configurations.
- RoHS Compliant

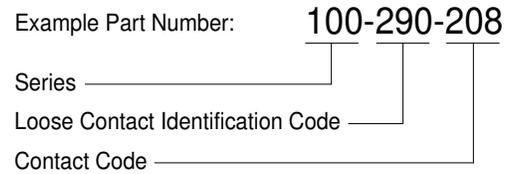
Specifications:

| | |
|--------------------------------|---|
| Contact Material | Copper Alloy |
| Contact Plating | Gold Plating 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 16oz (0.56 to 4.45N) per contact |

103/105/106 CONTACTS ON STRIPS



100 SERIES LOOSE CONTACTS



Series and Pattern ^{5,6} Pattern Descriptions

| | | |
|-----|-----------|------------|
| 103 | — — — — — | Horizontal |
| 105 | | Vertical |
| 106 | / / / / / | 45 Degree |

Total Number of Contacts ⁷ Descriptions

| | |
|------------------|-------------|
| 002, 003,....060 | .200 (5.08) |
| 002, 003,....120 | .100 (2.54) |

Contact Code ^{1,2,4}

| |
|----------------------|
| 201, 202,203 or 206 |
| 208 |
| 250, 251, 450 or 451 |
| 252, 253 |

Pattern

| |
|------------|
| 105 |
| 105 |
| 103 or 106 |
| 103 or 106 |

Contact Spacing

| |
|----------------------------|
| .200 (5.08) |
| .100 (2.54) or .200 (5.08) |
| .200 (5.08) |
| .100 (2.54) or .200 (5.08) |

Spacing Code

| |
|-----|
| 100 |
| 200 |

Contact Spacing

| |
|-------------|
| .100 (2.54) |
| .200 (5.08) |

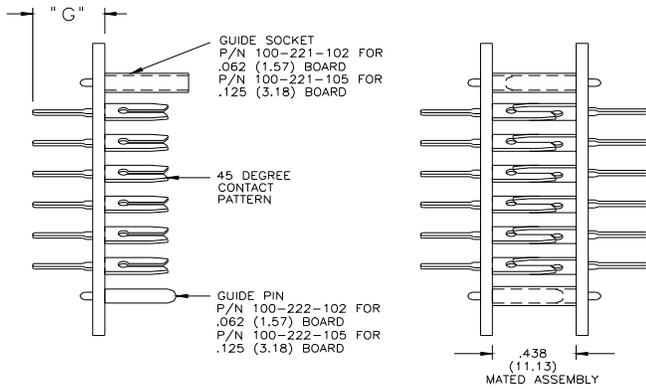
| Contact Code ^{1,2,3,4} | Silhouette | Tail Length "G" |
|---------------------------------|------------|-----------------|
| 201 | | .122 (3.10) |
| 202 | | .122 (3.10) |
| 206 | | .122 (3.10) |
| 208 | | .108 (2.74) |
| 210 | | .122 (3.10) |
| 250 | | .122 (3.10) |
| 251 | | .375 (9.53) |
| 252 | | .188 (4.78) |
| 253 | | .110 (2.79) |
| 258 | | .497 (12.62) |
| 450 | | .182 (4.62) |
| 451 | | .375 (9.53) |

Ordering Code Notes

- 1) Contact codes 208,252 and 253 are rated for 5Amperes current. All other contacts are rated for 10 Amperes .
- 2) Contact codes 208,252 and 253 will mate together, but not with other contacts listed.
- 3) Contact codes 210 and 258 are available loose only.
- 4) Contact codes 450 and 451 are designed for .125 (3.18) thick circuit boards. All other contacts are designed for .062 (1.57) thick boards.
- 5) Pattern schematics are views towards 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 (3.18) row spacing for use on mother boards that mate with upper and lower tier daughter boards contacts.
- 7) All strip lengths up to 60 to 120 contacts (as determined by spacing and pattern) are available upon request.

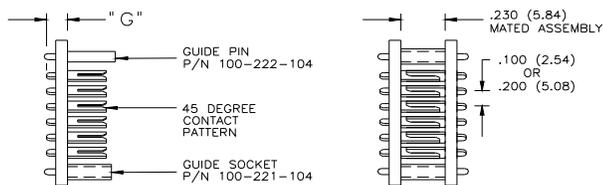
PARALLEL P.C. BOARDS .200 (5.08) CONTACT SPACING

CONTACT CODES 250, 251, 258, 450 OR 451
.062 (1.57) OR .125 (3.18) NOMINAL THICKNESS BOARDS



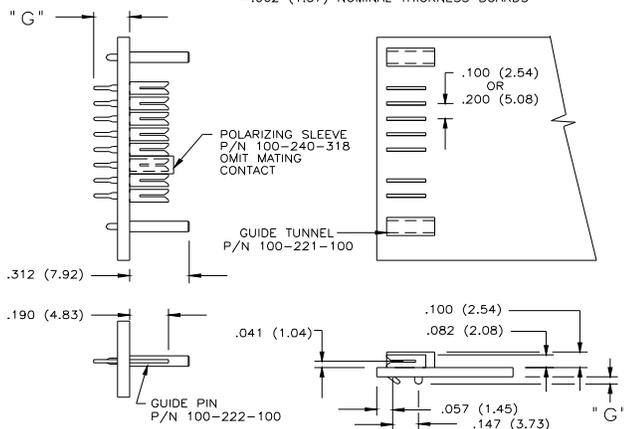
PARALLEL P.C. BOARDS .100 (2.54) OR .200 (5.08) CONTACT SPACING

CONTACT CODES 252 OR 253
.062 (1.57) OR .125 (3.18) NOMINAL THICKNESS BOARDS



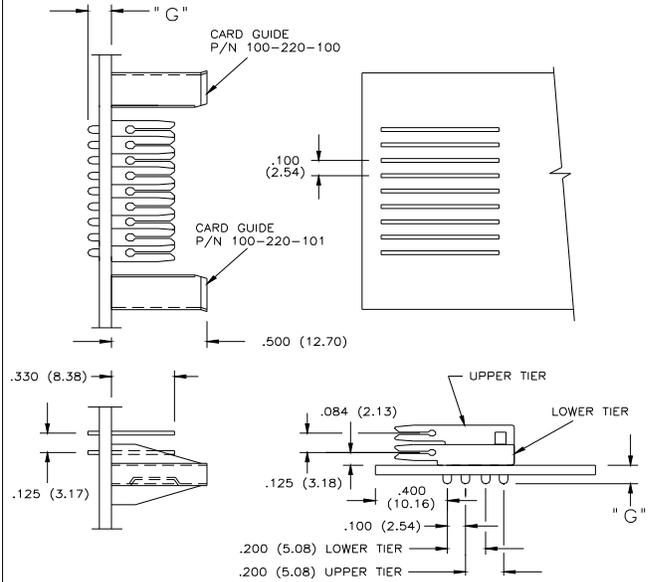
MOTHER/DAUGHTER BOARDS .100 (2.54) OR .200 (5.08) CONTACT SPACING

MOTHER BOARD -CONTACT CODES 252 OR 253
DAUGHTER BOARD -CONTACT CODE 209
-.062 (1.57) NOMINAL THICKNESS BOARDS



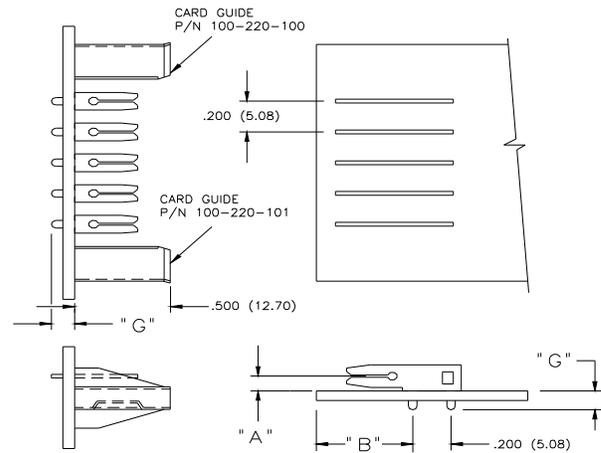
MOTHER/DAUGHTER BOARDS .100 (2.54) CONTACT SPACING

MOTHER BOARD -CONTACT CODES 250, 251, 258, 450 OR 451
-.062 (1.57) OR .125 (3.18) NOMINAL THICKNESS BOARDS
DAUGHTER BOARD -UPPER TIER CONTACT CODE 201
-LOWER TIER CONTACT CODES 202, 203 OR 206
-.062 (1.57) NOMINAL THICKNESS BOARDS



MOTHER/DAUGHTER BOARDS .200 (5.08) CONTACT SPACING

MOTHER BOARD -CONTACT CODES 250, 251, 258, 450 OR 451
-.062 (1.57) OR .125 (3.18) NOMINAL THICKNESS
DAUGHTER BOARD -CONTACT CODES 201, 202, 203, 206 OR 210
-.062 (1.57) NOMINAL THICKNESS BOARDS



| CONTACT CODE | " A " | " B " |
|---------------|-------------|--------------|
| 201 | .209 (5.31) | .500 (12.70) |
| 202, 203, 206 | .084 (2.13) | .400 (10.16) |
| 210 | .099 (2.51) | .200 (5.08) |