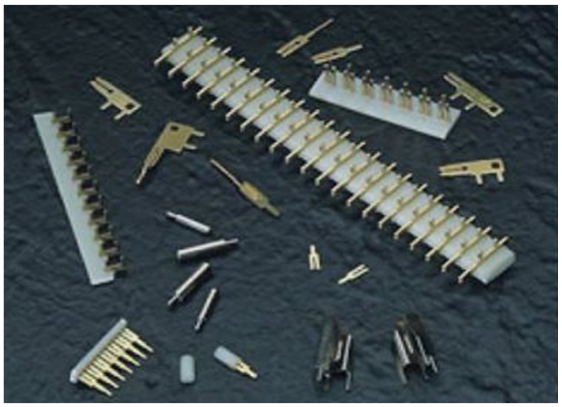
100 SERIES
CONTACTS FOR P.C. BOARD



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

Example Part Number: 103-060-252-100

- 103 — Series & Pattern
- 060 — Total Number of Contacts
- 252 — Contact Code
- 100 — Spacing Code

100 SERIES LOOSE CONTACTS

Example Part Number: 100-290-208

- 100 — Series
- 290 — Loose Contact Identification Code
- 208 — Contact Code

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 [1,2,3,4]	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)

Contact Code [1,2,4]	Pattern	Contact Spacing
201, 202,203 or 206	105	.200 (5.08)
208	105	.100 (2.54) or .200 (5.08)
250, 251, 450 or 451	103 or 106	.200 (5.08)
252, 253	103 or 106	.100 (2.54) or .200 (5.08)

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

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.

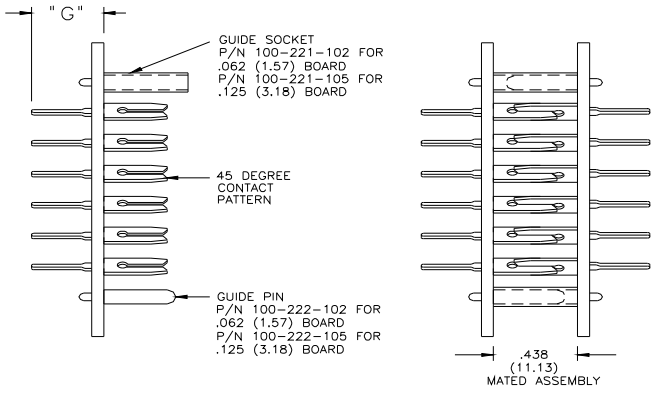
5) Pattern schematics are views towards the tip of the contact tails.

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.

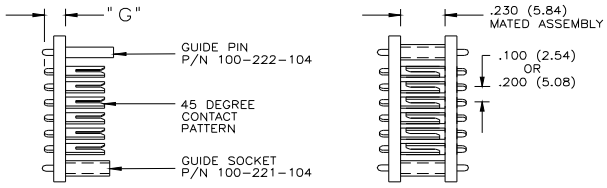
PARALLEL P.C. BOARDS .200 (5.08) CONTACT SPACING

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



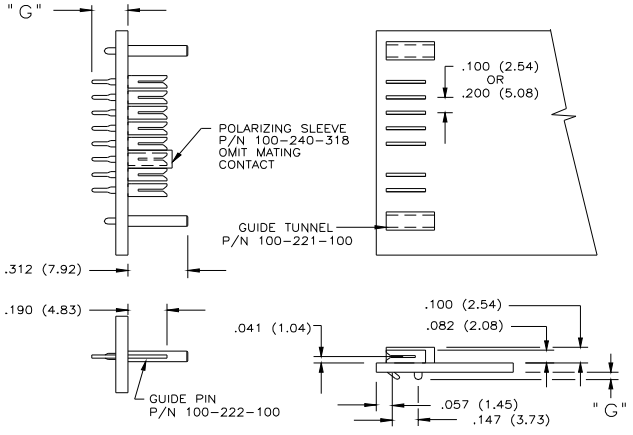
PARALLEL P.C. BOARDS .100 (2.54) OR .200 (5.08) CONTACT SPACING

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



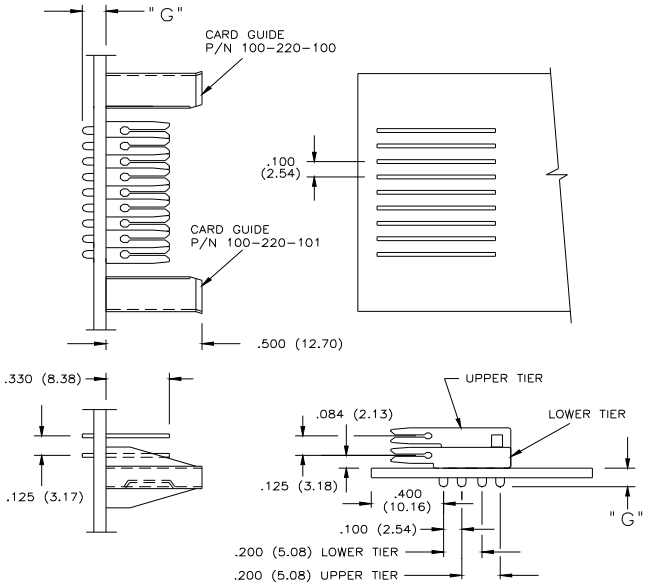
MOTHER/DAUGHTER BOARDS .100 (2.54) OR .200 (5.08) CONTACT SPACING

MOTHER BOARD –CONTACT CODES 252 OR 253
DAUGHTER BOARD –CONTACT CODE 208
–.062 (1.57) NOMINAL THICKNESS BOARDS



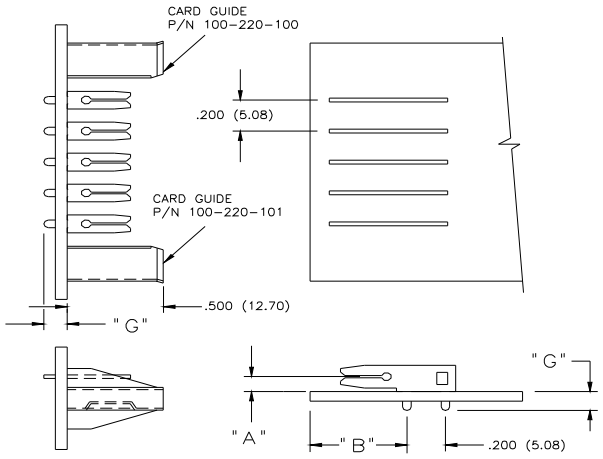
MOTHER/DAUGHTER BOARDS .100 (2.54) CONTACT SPACING

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)