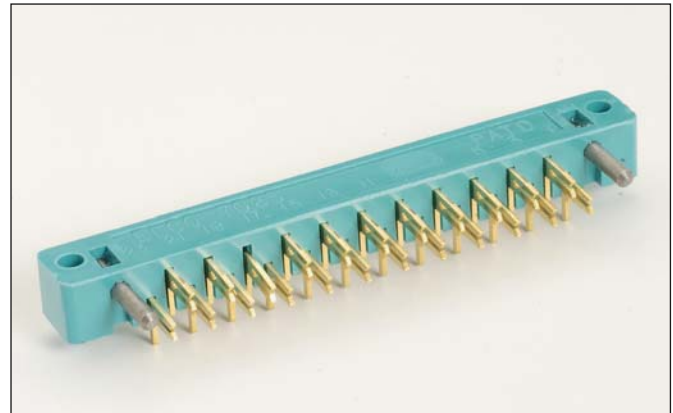


## Series 7023 – 0.100" Staggered Dual Row

### FEATURES

- Guide pins facilitate mating, ensure correct alignment
- Insulator rigidity reduces p.c. card warp
- Insulator maintains exact spacing between contacts
- Reduces cost of card punching operation (fewer holes)
- Reduces cost of contact staking operation (one operation instead of two)
- Reduces assembly time (no plastic strip to remove)
- For 1/16" or 3/32" p.c. card
- Mates with Series 7024 and 7038 Receptacles



### TECHNICAL SPECIFICATIONS

**Current Rating:**

10 amperes

**Contact Resistance:**

6 milliohms, maximum

**Contact Material and Plating:**

Phosphor Bronze per QQ-B-750, Composition A.

Gold, 10 microinches minimum, over nickel, 30 to 100 microinches

**Insulator Material:**

Diallyl phthalate, glass-filled, flame resistant per MIL-M-14F, Type SDGF.

Variation 001/002/110/111

Thermoplastic Polycarbonate

Variation 003

**Insulation Resistance:**

25,000 megohms, minimum

**Dielectric Withstanding Voltage:**

Sea Level: 1800 Volts rms

3.4" Hg: 675 Volts rms

**Insertion/Withdrawal Force:**

2 to 16 ounces per contact

**Operating Temperature:**

-40°C to +125°C

### ORDERING CODE

**00**

**7023**

**023**

**000**

**001**

**Number of Contacts**  
017, 023, 029, 035, 041, 047

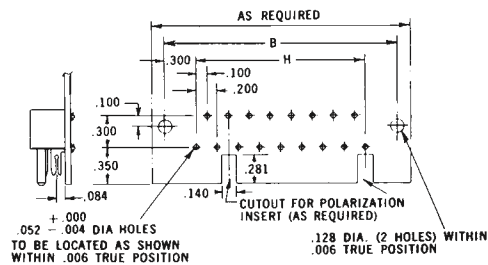
**Contacts used in this connector:**

Card	Upper Card Contacts	Lower Card Contacts
1/16"	60 7001 29 13	60 7001 28 13
3/32"	60 7001 29 23	60 7001 28 23

**Diallyl Phthalate  
Glass Filled**

1/16" Card	3/32" Card
001	002
110	111

### MOUNTING LAYOUT



### DIMENSIONS: millimeters (inches)

Number of Contacts	B	C Max.	H
17	2.200 (0.087)	2.470 (0.097)	1.600 (0.063)
23	2.800 (0.110)	3.070 (0.121)	2.200 (0.087)
29	3.400 (0.134)	3.670 (0.144)	2.800 (0.110)
35	4.000 (0.157)	4.270 (0.168)	3.400 (0.134)
41	4.600 (0.181)	4.870 (0.192)	4.000 (0.157)
47	5.200 (0.205)	5.470 (0.215)	4.600 (0.181)

