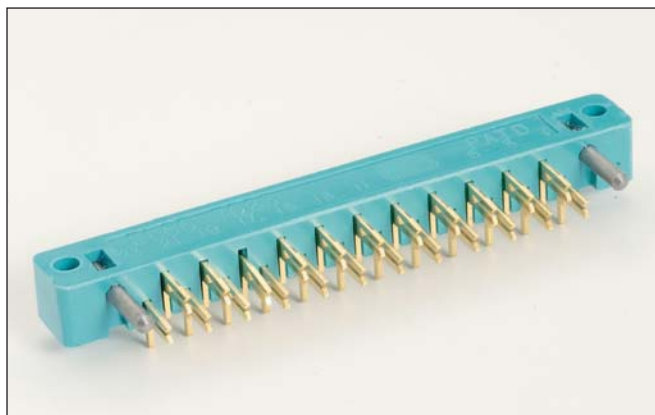


## Series 7023 – 0.100" Staggered Dual Row

### 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

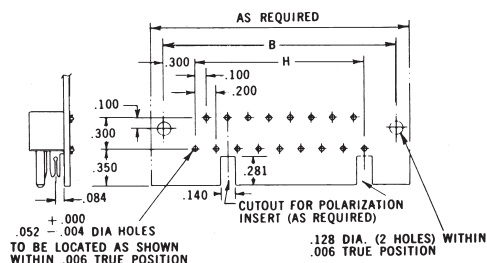
**Contacts used in this connector:**

| 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**

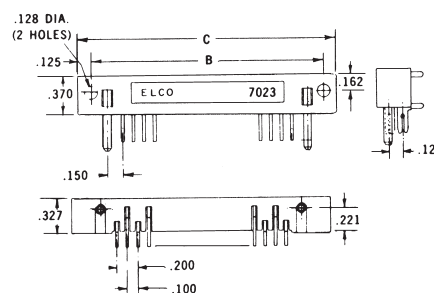
| 1/16" Card | 3/32" Card |
|------------|------------|
| 001        | 002        |
| 110        | 111        |

### 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) |



# AMEYA360

Components Supply Platform

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