Female Card Edge

.100” [2.54 mm] Contact Centers, .431” [10.95 mm] Insulator Height, Dip Solder/Eyelet/Right Angle for .062” [1.57 mm] or .031” [0.79 mm] Mating PCB

**SPECIFICATIONS**
- Accommodates .062” ± .008” [1.57 mm ± 0.20 mm] or .031” ± .006” [0.79 mm ± 0.15 mm] mating PCB (for .093” [2.36 mm] PC board see following pages)
- PBT, PPS, PA9T or PEEK insulator
- Molded-in key available
- 3 Amps current rating for one contact energized
- 30 milli Ohms maximum at rated current
- UL Flammability Rating: 94V-0

**READOUT**
- FULL BELLOWS
- CANTILEVER
- BACK-UP SPRING
- LETTER 'A' SIDE

**POLARIZING KEYS** (For .062” Mating PCB Only)
- PLA-K1
- KEY IN BETWEEN CONTACTS (ORDER SEPARATELY)
- .230” [5.84] .300” [7.62]
- .200” [5.08]

**CONSULT FACTORY FOR MOLDED-IN KEY**

**SPECIFICATIONS**
- Accommodates .062” ± .008” [1.57 mm ± 0.20 mm] or .031” ± .006” [0.79 mm ± 0.15 mm] mating PCB (for .093” [2.36 mm] PC board see following pages)
- PBT, PPS, PA9T or PEEK insulator
- Molded-in key available
- 3 Amps current rating for one contact energized
- 30 milli Ohms maximum at rated current
- UL Flammability Rating: 94V-0

**TERMINATION TYPE**

<table>
<thead>
<tr>
<th>FULL BELLOW</th>
<th>TAIL LENGTH</th>
<th>ROW SPACING</th>
<th>MIN HOLE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL BELLOW</td>
<td>.185” [4.70]</td>
<td>.125” [3.18]</td>
<td>.156” [3.96]</td>
</tr>
<tr>
<td>STRAIGHT</td>
<td>.200” [5.08]</td>
<td>.140” [3.56]</td>
<td>.043” [1.08]</td>
</tr>
<tr>
<td>.165” [4.19]</td>
<td>.250” [6.35]</td>
<td>.043” [1.08]</td>
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<tr>
<td>CRIMP TO CENTER (SX)</td>
<td>.160” [4.06]</td>
<td>.043” [1.08]</td>
<td></td>
</tr>
<tr>
<td>CANTILEVER</td>
<td>.200” [5.08]</td>
<td>.140” [3.56]</td>
<td>.040” [1.02]</td>
</tr>
</tbody>
</table>

**FULL BELLOW**

<table>
<thead>
<tr>
<th>TERMINATION TYPE</th>
<th>TAIL LENGTH</th>
<th>ROW SPACING</th>
<th>MIN HOLE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>STRAIGHT</td>
<td>.225” [5.72]</td>
<td>.007” [0.18]</td>
<td>.043” [1.08]</td>
</tr>
<tr>
<td>EYELET ACCEPTS 3-#26 AWG</td>
<td>.275” [6.98]</td>
<td>.014” [0.36]</td>
<td>.043” [1.08]</td>
</tr>
</tbody>
</table>

**CARD EXTENDER**

<table>
<thead>
<tr>
<th>MODIFICATION CODE</th>
<th>TAIL LENGTH</th>
<th>MODIFICATION CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>-S13</td>
<td>.210” [5.33]</td>
<td>-S924</td>
</tr>
<tr>
<td>-S13</td>
<td>.185” [4.70]</td>
<td></td>
</tr>
<tr>
<td>-S13</td>
<td>.425” [10.80]</td>
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</tbody>
</table>

**SURFACE MOUNT (RT)**

<table>
<thead>
<tr>
<th>MODIFICATION CODE</th>
<th>TAIL LENGTH</th>
<th>MODIFICATION CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>-S13</td>
<td>.350” [8.88]</td>
<td>-S2106</td>
</tr>
</tbody>
</table>

**MOUNTING STYLE**

<table>
<thead>
<tr>
<th>CLEARANCE HOLE (H)</th>
<th>THREADED INSERT (I)</th>
<th>FLOATING BOBBIN (F)</th>
<th>NO MOUNTING EARS (N)</th>
<th>SIDE MOUNTING (S)</th>
<th>OPEN CARDSLOT (B)</th>
</tr>
</thead>
</table>
PART NUMBER OPTIONS

- **MATERIALS (INSULATOR/CONTACT)**
  - E = PBT/Phosphor Bronze (Standard)
  - R = PPS/Phosphor Bronze
  - G = P90T/Phosphor Bronze
  - H = PBT/Beryllium Copper
  - A = PPS/Beryllium Copper
  - J = P90T/Beryllium Copper

- **F** = PPS/Spinodal (Overall Gold Plating Only)
- **C** = PPS/Beryllium Nickel (Overall Gold Plating Only)
- **W** = PEEK/Beryllium Nickel (Overall Gold Plating Only)

- Consult Factory for Special Soldering Guidelines
- *C* = PPS/Beryllium Nickel (Overall Gold Plating Only)
- *W* = PEEK/Beryllium Nickel (Overall Gold Plating Only)

- Consult factory for availability.

- Refer to Page 7 for Operating/Processing Temperatures

CONTACT FINISH - RoHS Compliant

- All platings are Lead Free and have .000050” Nickel underplate.

- **Contact Surface**
  - B = .000010” Gold
  - C = .000030” Gold
  - G = .000100” Gold
  - Y = .000030” Gold

- **Contact Surface**
  - S = .000010” Gold
  - M = .000030” Gold
  - E = .000100” Pure Tin, Matte

CONTACT CENTERS

- C = .100” [2.54 mm]

**DIMENSIONS**

- Dimensions in [ ] are in millimeters, all others are in inches.

- **TERMINATION TYPE**
  - D = Dual
  - H = Half Loaded

**READOUT (Opposite Page)**

- **MODIFICATIONS (Consult Factory)**
  - OMIT FOR STANDARD
  - -S13 = Card Extender Accepts .062” [1.57 mm] PCB
  - (RE, RT, RY Terminations Only)
  - -S734 = .031” ±.006”[.079 mm ±.015 mm] Mating PCB
  - -S924 = Surface Mount

- **MOUNTING STYLE (Opposite Page)**
  - H = .125” [3.18 mm] Clearance Holes
  - N = No Mounting
  - B = Open Card slot
  - S = Side Mounting
  - I = Threaded Insert
  - F = Floating Bobbin

**TERMINATION TYPE** (Opposite Page)

- RA = Right Angle
- RE = Eyelet (Standard)
- TE = Eyelet (Overall Plated Only)

- **ET, RT = .140” [3.56 mm] X .200” [5.08 mm] Dip Solder**
- **EY, RY = .140” [3.56 mm] X .440” [11.19 mm] Dip Solder**
- RX = .200” [5.08 mm] X .185” [4.70 mm] Dip Solder
- RJ = .250” [6.35 mm] X .165” [4.19 mm] Dip Solder

- SX = .110” [2.79 mm] Centered Dip Solder

**CONTACT MARKINGS**

- B 1 2 3 . . . 58 59 60 B
- A 1 2 3 . . . 58 59 60 A

**TOLERANCES**

- Tolerances on non-critical dimensions may vary slightly due to shrinkage differential per insulator material; Consult factory.

**POSITIONS/CONTACTS**

- **INCHES**
  - Az.008
  - Bz.008
  - Cz.015
  - Dz.010
  - Ez.020
  - F+.005/-.015
  - MILLIMETERS
  - Az.020
  - Bz.020
  - Cz.038
  - Dz.025
  - Ez.051
  - F+.013/-0.38

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**CONTACT CENTERS**

- C = .100” [2.54 mm]