.050” × .050” CF Card Header
Type II, Surface Mount, Normal Polarization

- Meets CFA standards — known reliability
- Single row solder tails — 0.635 mm
- Board component clearance — 0.00 or 2.00 mm standoff
- Ejector option — easy removal of CF Card from right angle header
- Latching ejector option for secure retention of CF Card
- Longer guide rails with grounding clip - easy insertion
- “Telcordia” compliant plating option
- Latching ejector option for secure retention of CF Card

Physical

**Insulation**
- Material: Liquid Crystal Polymer (LCP)
- Flammability: UL 94V-0
- Color: Beige

**Contact**
- Material: Phosphor Bronze

**Plating**
- Underplate: 50 µ” [1.27 µm] Nickel — QQ-N-290, Class 2
- Wiping Area: Gold Flash over 80/20 Palladium Nickel
- Solder Tails: 100 µ” [2.54 µm] 90/10 Tin Lead — MIL-P-81728

Electrical

- **Current Rating:** .5 A
- **Insulation Resistance:** >1 x 10^6 Ω at 500 Vdc
- >1 x 10^8 Ω at 500 Vdc after Environmental Conditioning
- **Withstanding Voltage:** 500 Vrms at Sea Level

Environmental

- **Temperature Rating:** -55°C to +85°C
- **Process Rating:** Maximum 235°C, with 90 seconds over 215°C
.050" × .050" CF Card Header
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<table>
<thead>
<tr>
<th>Pin Type</th>
<th>Interface Dim A</th>
<th>Pin No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>detect</td>
<td>3.50 [.138]</td>
<td>25, 26</td>
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<tr>
<td>general</td>
<td>4.25 [.167]</td>
<td>all other pins</td>
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<tr>
<td>power</td>
<td>5.00 [.197]</td>
<td>1, 13, 38 &amp; 50</td>
</tr>
</tbody>
</table>

Material
Ground Cover: Stainless Steel
Solder Tab: Brass
Solder Tab Plating: Tin over Nickel

Ordering Information
N7E50-7516XX-X0

Plating Options:
HG = 20µ [0.51μm] PdNi
HE = 25µ [0.64μm] PdNi

Board Standoff:
4 = None
5 = 2.0 [.08]

TS-0890-13
Sheet 2 of 4
.050” × .050” CF Card Header
Type II, Surface Mount, Normal Polarization

Recommended PCB Solder Pad Pattern
.050” × .050” CF Card Header
Type II, Surface Mount, Normal Polarization

Right Button Ejector 3M Part 7E50-9316-04
(Order Separately)

Right Button Latching Ejector 3M Part 7E50-9716-05
(Order Separately)