**MECF SERIES**

**MICRO EDGE CARD SOCKET**

**SPECIFICATIONS**

For complete specifications and recommended PCB layouts see www.samtec.com/?MECF-DV

**Insulator Material:**
- 01 = Black Liquid
- 02 = Natural Liquid

**Contact Material:**
BeCu

**Plating:**
Sn or Au over 50µ" (1.27 µm) Ni

**Voltage Rating:**
280 VAC

**RoHS Compliant:**
Yes

**Processing:**
Lead-Free Solderable:
Yes

**SMT Lead Coplanarity:**
(0.10 mm) .004” max (05-30)
(0.15 mm) .006” max (40-50)

**RECOGNITIONS**
For complete scope of recognitions see www.samtec.com/quality

**ALSO AVAILABLE (MOQ Required)**

- Non-polarized
- Other platings
Contact Samtec.

**Note:**
While optimized for 50Ω applications, this connector with alternative signal/gound patterns may also perform well in certain 75Ω applications. Contact Samtec for further information.

**Note:**
Some sizes, styles and options are non-standard, non-returnable.

<table>
<thead>
<tr>
<th>POSITIONS PER ROW</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>–05</td>
<td>10.46</td>
<td>.412</td>
<td>(8.64) .340</td>
<td>(14.53) .572</td>
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<tr>
<td>–08</td>
<td>14.27</td>
<td>.562</td>
<td>(12.45) .490</td>
<td>(16.34) .722</td>
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<tr>
<td>–20</td>
<td>29.51</td>
<td>1.162</td>
<td>(27.69) 1.090</td>
<td>(33.58) 1.322</td>
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<tr>
<td>–30</td>
<td>42.21</td>
<td>1.662</td>
<td>(40.39) 1.590</td>
<td>(46.28) 1.822</td>
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<tr>
<td>–40</td>
<td>54.91</td>
<td>2.162</td>
<td>(53.09) 2.090</td>
<td>(59.98) 2.322</td>
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<tr>
<td>–50</td>
<td>67.61</td>
<td>2.662</td>
<td>(65.79) 2.590</td>
<td>(71.68) 2.822</td>
</tr>
</tbody>
</table>

**CARD THICKNESS**

- **–01**
  - (1.60 mm) .062” thick card
- **–02**
  - (2.36 mm) .093” thick card

**PLATING OPTION**

**DV**

**OPTION**

<table>
<thead>
<tr>
<th>POSITIONS PER ROW</th>
<th>POLARIZED POSITIONS (No Contact)</th>
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<tbody>
<tr>
<td>–05</td>
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<td>–08</td>
<td>5.6</td>
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<td>–20</td>
<td>15.16</td>
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<td>–30</td>
<td>21.22</td>
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<td>–40</td>
<td>31.32</td>
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<td>–50</td>
<td>41.42</td>
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</tbody>
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