MICRO EDGE CARD SYSTEMS
0.50 mm, 0.635 mm, 0.80 mm, 1.00 mm, 1.27 mm, 2.00 mm PITCH

FEATURES & BENEFITS

• Up to 56 Gbps PAM4
• PCI Express® 4.0 (MEC5 Series)
• Solutions for .062" (1.60 mm), and .093" (2.36 mm) thick cards
• Choice of pitch: 0.50 mm, 0.635 mm, 0.80 mm, 1.00 mm, 1.27 mm, 2.00 mm
• Vertical, right-angle, edge mount
• Available in surface mount and through-hole

KEY SPECIFICATIONS

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<th>LEAD-FREE SOLDERABLE</th>
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<td>MEC5</td>
<td>0.50 mm</td>
<td>60-200</td>
<td>Black LCP</td>
<td>Phosphor Bronze</td>
<td>-55 °C to +125 °C</td>
<td>1.5 A (2 pins)</td>
<td>125 VAC</td>
<td>Yes</td>
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<td>MEC6</td>
<td>0.635 mm</td>
<td>20-140</td>
<td>Black LCP</td>
<td>Phosphor Bronze</td>
<td>-55 °C to +125 °C</td>
<td>2.4 A (2 pins)</td>
<td>195 VAC</td>
<td>Yes</td>
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<td>MEC8</td>
<td>0.80 mm</td>
<td>20-140</td>
<td>Black LCP</td>
<td>Phosphor Bronze</td>
<td>-55 °C to +125 °C</td>
<td>1.8 A (4 pins)</td>
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<td>Black LCP</td>
<td>Phosphor Bronze</td>
<td>-55 °C to +125 °C</td>
<td>2.2 A (2 pins)</td>
<td>250 VAC</td>
<td>Yes</td>
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<td>MECF</td>
<td>1.27 mm</td>
<td>10-100</td>
<td>Black/Natural LCP</td>
<td>BeCu</td>
<td>-55 °C to +125 °C</td>
<td>3.5 A (2 pins)</td>
<td>280 VAC</td>
<td>Yes</td>
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<tr>
<td>MEC2</td>
<td>2.00 mm</td>
<td>10-100</td>
<td>Black/Natural LCP</td>
<td>BeCu</td>
<td>-55 °C to +125 °C</td>
<td>3.5 A (2 pins)</td>
<td>238 VAC</td>
<td>Yes</td>
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</table>
(1.00 mm) .0394" PITCH • RIGHT-ANGLE/EDGE MOUNT EDGE CARD SOCKET

MEC1 - 1 POSITIONS PER ROW - 02 PLATING OPTION - D - RA1 - NP - SL - “X”R

05, 08, 20, 30, 40, 50, 60, 70

-F = Gold Flash on contact, Matte Tin on tail
-L = 10 µ” (0.25 µm) Gold on contact, Matte Tin on tail

NP = No Polarization (8 positions only)
Leave blank for polarization

MEC1-RA
Card Mates: 
(1.60 mm) .062” thick card

View complete specifications at: samtec.com?MEC1-RA

MEC1-EM
Card Mates: 
(1.60 mm) .062” thick card

View complete specifications at: samtec.com?MEC1-EM

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

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec’s specifications which are subject to change without notice.