



(1,00mm) .03937"

MB1 SERIES

# MINI EDGE CARD SOCKET WITH GUIDES

**Mates with:**  
 (0,80mm) .031" PCB,  
 (1,60mm) .062" PCB

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?MB1](http://www.samtec.com?MB1)

**Insulator Material:** Black LCP  
**Contact Material:** BeCu  
**Plating:** Sn or Au over 50µ" (1,27µm) Ni  
**Operating Temp Range:** -55°C to +125°C  
**Insertion Depth:** (5,26mm) .207" to (6,10mm) .240"  
**RoHS Compliant:** Yes

**Processing:**  
**Lead-Free Solderable:** Yes  
**SMT Lead Coplanarity:** (0,10mm) .004" max (20-30)  
 (0,15mm) .006" max (40-50)

**Important Note:**  
 Samtec recommends that pads on the mating board be Gold plated.

**Note:** Other Gold plating options available. Contact Samtec.

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

MB1
1
NO. OF PINS
01
PLATING OPTION
S
CARD SLOT
SL
OTHER OPTION

**20, 30, 40, 50**

**-F**  
= Gold flash on contact, Matte Tin on tail

**-L**  
= 10µ" (0,25µm) Gold on contact, Matte Tin on tail

**Specify CARD SLOT from chart**

| CARD SLOT | A           | MATES WITH BOARD THICKNESS |
|-----------|-------------|----------------------------|
| -01       | (0,97) .038 | (0,80) .031                |
| -02       | (1,83) .072 | (1,60) .062                |

**-N OPTION**

**-N**  
= No Card Guides

## ALSO AVAILABLE

### Flex Card System

- 2mm (.0787") (FCT/EMT Series) and .050" (1,27mm) (FCF/EMF Series) systems
- Vertical and horizontal
- Header with snap-on card guides for design flexibility
- Elevated design now available
- PCMCIA (PCMT/PCMS Series) Compact Flash (CFT/CFS Series) compatible applications available
- Ideal for multiple add-on cards
- Solder locks for mechanical stability
- Any size from 40 to 100 contacts



*Due to technical progress, all designs, specifications and components are subject to change without notice.*

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)