

MEC2-50-01-L-TH1

MEC2-TH SERIES

(2.00 mm) .0787"

THROUGH-HOLE MINI EDGE CARD SOCKET

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MEC2-TH

- Insulator Material:**
Black Liquid Crystal Polymer
- Contact Material:**
BeCu
- Plating:**
Sn or Au over
50 μm (1.27 μm) Ni
- Operating Temp Range:**
-55 °C to +125 °C
- Current Rating:**
4.9 A per pin
(2 adjacent pins powered)
- Voltage Rating:**
230 VAC/325 VDC
- RoHS Compliant:**
Yes

PROCESSING

Lead-Free Solderable:
Yes

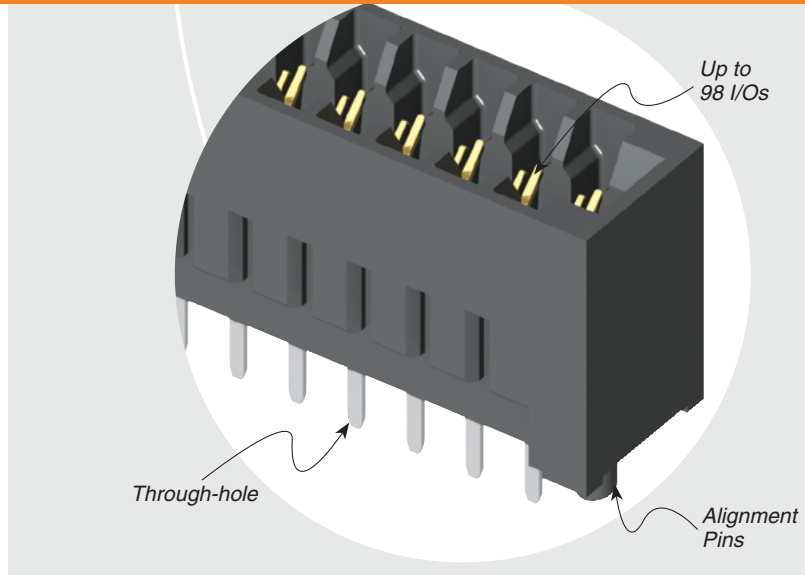
RECOGNITIONS

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



FILE NO. E111594

Mates with:
(1.60 mm) .062" card



MEC2

POSITIONS PER ROW

CARD THICKNESS

PLATING OPTION

TAIL OPTION

-05, -08, -20, -30, -40, -50

-01
= (1.60 mm) .062" thick card

-L
= 10 μm (0.25 μm)
Gold on contact,
Matte Tin on tail

-TH1
= Through-hole

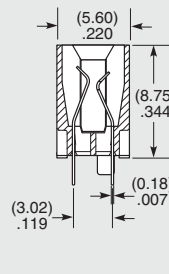
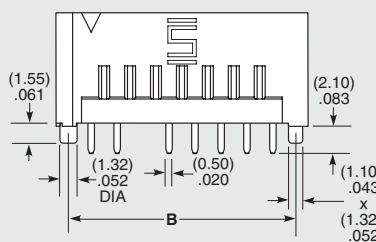
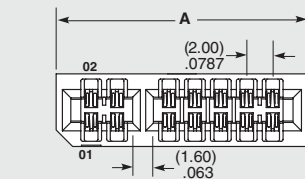
POSITIONS PER ROW	A	B
-05	(13.40) .528	(11.50) .453
-08	(19.40) .764	(17.50) .689
-20	(43.40) 1.709	(41.50) 1.634
-30	(63.40) 2.496	(61.50) 2.421
-40	(83.40) 3.283	(81.50) 3.209
-50	(103.40) 4.071	(101.50) 3.996

ALSO AVAILABLE (MOQ Required)

- Non-polarized
- Other platings

Notes:
While optimized for 50 Ω applications, this connector with alternative signal/ground patterns may also perform well in certain 75 Ω applications.

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



POSITIONS PER ROW	POLARIZED POSITIONS (No Contact)
-05	3, 4
-08	5, 6
-20	15, 16
-30	21, 22
-40	31, 32
-50	41, 42

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