



(0,635mm) .025"

MEC6-DV, MEC6-RA SERIES

MICRO EDGE CARD SOCKET

Mates with:
(1,60mm) .062" thick cards

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MEC6-DV or www.samtec.com?MEC6-RA

Insulator Material: Black LCP
Contact Material: Phosphor Bronze
Plating: Au or Sn over 50µ" (1,27µm) Ni
Operating Temp Range: -55°C to +125°C
Insertion Depth: (4,22mm) .166" to (5,66mm) .223"
Current Rating: Testing Now!
Voltage Rating: Testing Now!
RoHS Compliant: Yes



Processing:
Lead-Free Solderable: Yes
MEC6-DV SMT Lead Coplanarity: (0,10mm) .004" max (10-50) (0,15mm) .006" max (60-70)
MEC6-RA SMT Lead Coplanarity: (0,10mm) .004" max (10-30) (0,15mm) .006" max (40-50)

0,635mm MEC6-DV	Rated @ -3dB Insertion Loss
8,65mm Stack Height	
Single-Ended Signaling	7.5 GHz / 15 Gbps
Differential Pair Signaling	7.0 GHz / 14 Gbps
Performance data for other stack heights and complete test data available at www.samtec.com?MEC6-DV or contact sig@samtec.com	

0,635mm MEC6-RA	Rated @ -3dB Insertion Loss
5,78mm Stack Height	
Single-Ended Signaling	7.0 GHz / 14 Gbps
Differential Pair Signaling	7.0 GHz / 14 Gbps
Performance data for other stack heights and complete test data available at www.samtec.com?MEC6-RA or contact sig@samtec.com	

Note: Other Gold plating options available. Contact Samtec.
Note: Some sizes, styles and options are non-standard, non-returnable.

MEC6 - 1 POSITIONS PER ROW - 02 PLATING OPTION - DV - A - OPTION

10, 20, 30, 40, 50, 60, 70 **-L**
 = 10µ" (0,25µm) Gold on contact, Matte Tin on tail

-K = (5,50) .217" DIA Polyimide Pick & Place Pad
-TR = Tape & Reel

POSITIONS PER ROW	A	B
50	(22,96) .904	(36,49) 1.437
60	(24,87) .979	(42,84) 1.687
70	(28,68) 1.129	(49,19) 1.937

APPLICATION SPECIFIC OPTION
 • Locking Clip (Manual placement required)
 Call Samtec.

MEC6 - 1 POSITIONS PER ROW - 02 PLATING OPTION - D - RA1 - OPTION

10, 20, 30, 40, 50 **-L**
 = 10µ" (0,25µm) Gold on contact, Matte Tin on tail

-TR = Tape & Reel

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

WWW.SAMTEC.COM