

(0.635 mm) .025"

MEC6-DV SERIES

VERTICAL MICRO EDGE CARD SOCKET

SPECIFICATIONS

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

Insulator Material:

Black LCP

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over

50 μm (1.27 μm) Ni

Operating Temp Range:

-55 °C to +125 °C

Insertion Depth:

(4.22 mm) .166" to

(5.66 mm) .223"

Current Rating:

2.4 A per pin

(2 pins powered)

Voltage Rating:

210 VAC

RoHS Compliant:

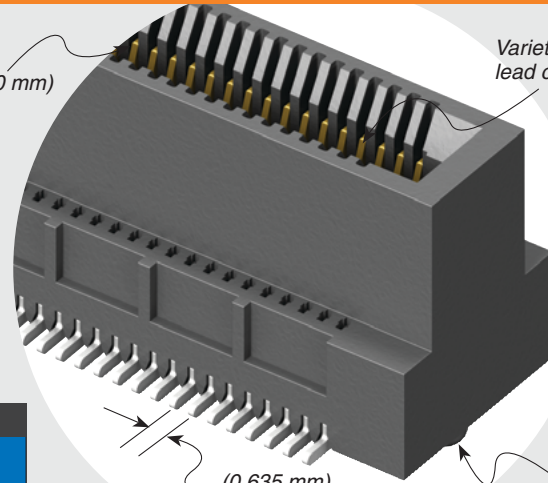
Yes

Mates with:

(1.60 mm) .062" thick card

Mates with (1.60 mm) .062" thick card

Variety of lead counts



Alignment pin

HIGH-SPEED CHANNEL PERFORMANCE

MEC6-DV

Rating based on Samtec reference channel. For full SI performance data visit Samtec.com or contact SIG@samtec.com

14 Gbps

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (10-50)

(0.15 mm) .006" max (60-70)*

*(.004" stencil solution may be available; contact IPG@samtec.com)

RECOGNITIONS

For complete scope of recognitions see

www.samtec.com/quality



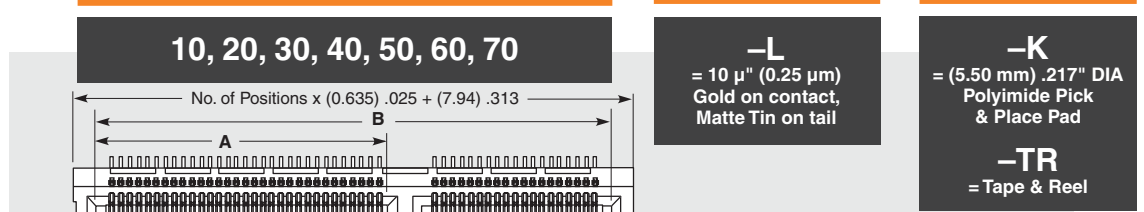
ALSO AVAILABLE (MOQ Required)

- Locking Clip (Manual placement required)
- 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.

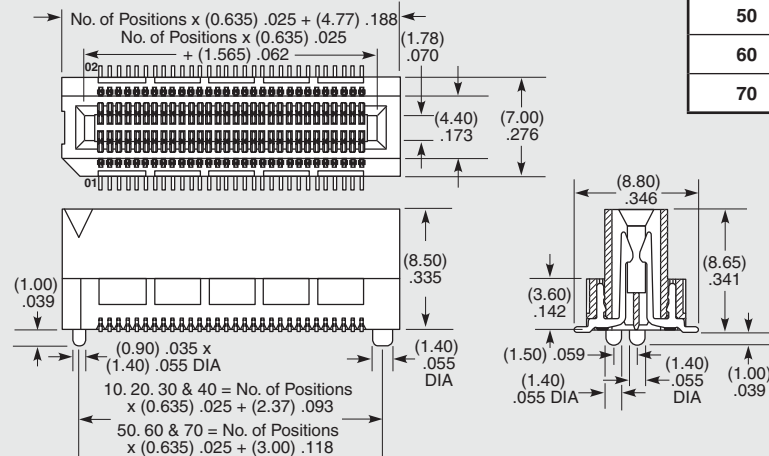


-L
= 10 μm (0.25 μm) Gold on contact, Matte Tin on tail

-K
= (5.50 mm) .217" DIA Polyimide Pick & Place Pad

-TR
= Tape & Reel

POSITIONS PER ROW	A	B
50	(21.06) .829	(36.49) 1.437
60	(24.87) .979	(42.84) 1.687
70	(28.68) 1.129	(49.19) 1.937



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

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