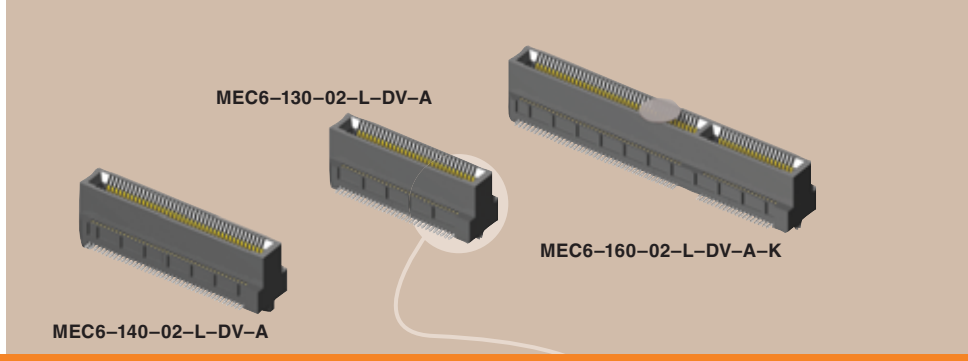
samtec



0,635mm MICRO EDGE CARD MEC6-DV SERIES

SPECIFICATIONS

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

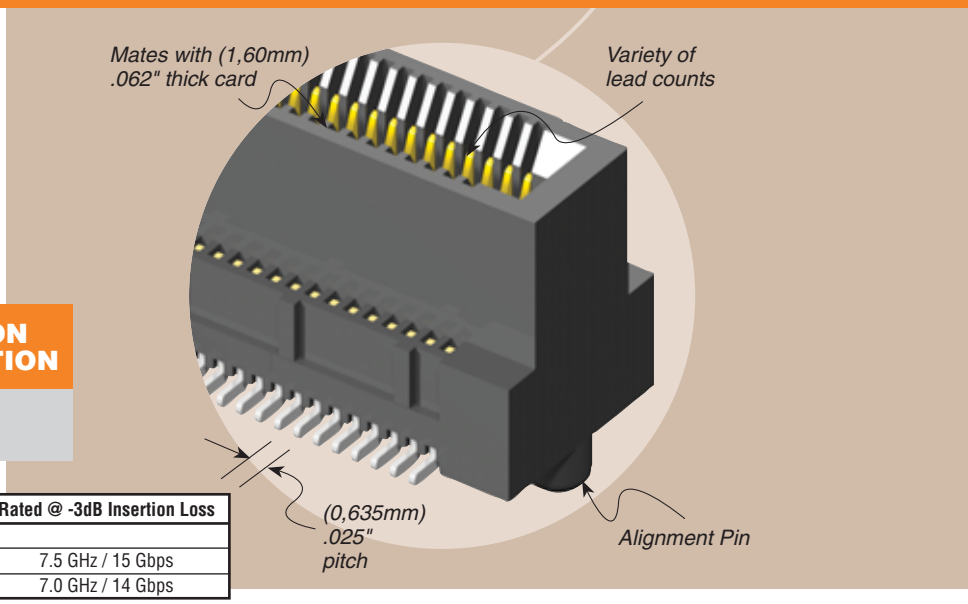
Insulator Material:
Black LCP
Contact Material:
Phosphor Bronze
Plating:
Au or Sn over 50µ" (1,27µm) Ni
Operating Temp Range:
-55°C to +125°C
Insertion Depth:
(4,22mm) .166" to
(5,66mm) .223"
Current Rating:
Testing Now!
Voltage Rating:
Testing Now!
RoHS Compliant:
Yes

FILE NO. E111594

Processing:

Max Processing Temp:
230°C for 60 seconds, or
260°C for 20 seconds 3x
Lead–Free Solderable:
Yes
SMT Lead Coplanarity:
(0,10mm) .004" max (10-50)
(0,15mm) .006" max (60-70)

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



APPLICATION SPECIFIC OPTION

- Locking Clip

Call Samtec.

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

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

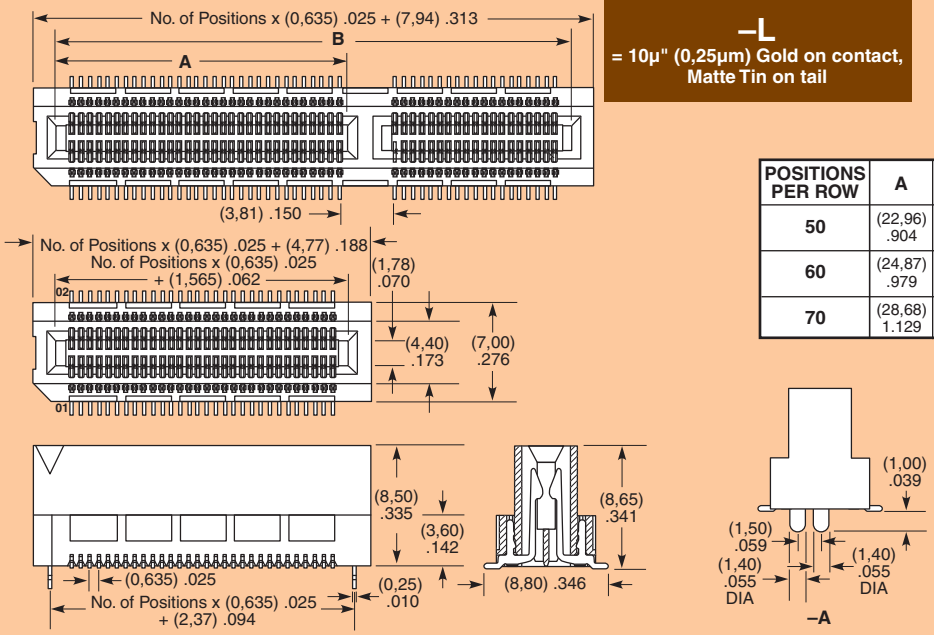
10, 20, 30, 40, 50, 60, 70

–S
= 30µ" (0,76µm) Gold on contact, Matte Tin on tail

–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

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

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

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