

MECF-20-01-L-DV

MECF-05-01-L-DV-WT

MECF SERIES

(1.27 mm) .050"

MINI EDGE CARD SOCKET

SPECIFICATIONS

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

Insulator Material:

-01=Black Liquid
Crystal Polymer
-02=Natural Liquid
Crystal Polymer

Contact Material:

BeCu

Plating:

Sn or Au over
50 μ " (1.27 μ m) Ni

Operating Temp Range:

-55 °C to +125 °C

Current Rating:

3.5 A per pin
(2 adjacent pins powered)

Voltage Rating:

280 VAC

RoHS Compliant:

Yes

Mates with:

(1.60 mm) .062" card,
(2.36 mm) .093" card

HIGH-SPEED CHANNEL PERFORMANCE

MECF-DV

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

25
Gbps

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (05-30)
(0.15 mm) .006" max (40-50)*
*(.004" stencil solution
may be available; contact
IPG@samtec.com)

RECOGNITIONS

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



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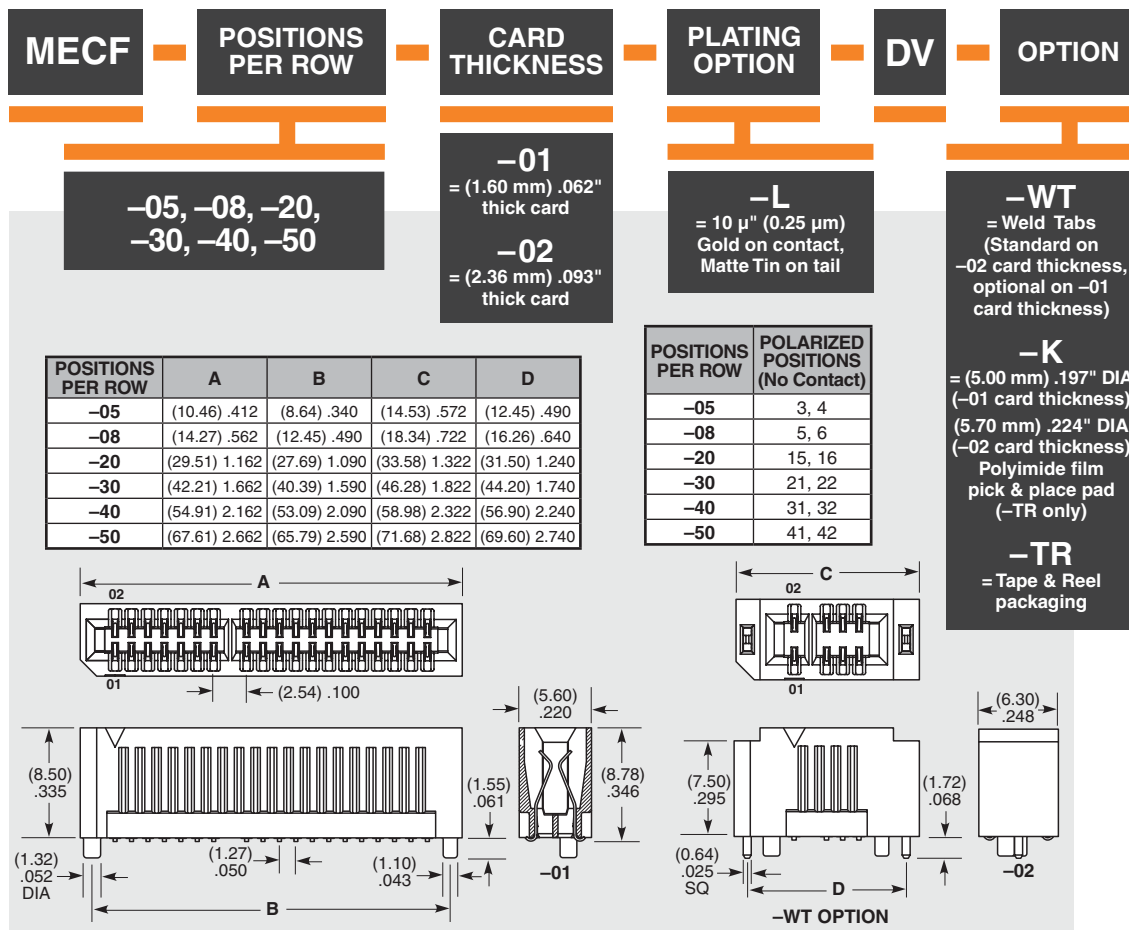
ALSO AVAILABLE (MOQ Required)

- 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.



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

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.