

CLM-126-02-F-D

(1.00 mm) .0394"

CLM, MLE SERIES

RUGGED RELIABLE MICRO SOCKETS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?CLM or www.samtec.com?MLE

Insulator Material:

Black LCP

Contact Material:

CLM: Phosphor Bronze
MLE: BeCu

Plating:

CLM: Au or Sn over 50 μm (1.27 μm) Ni
MLE: Au over 10 μm (0.25 μm) Ni

Current Rating (CLM/FTM):

2.8 A per pin

(1 pin powered per row)

Current Rating (MLE/FTM):

2.9 A per pin

(1 pin powered per row)

Operating Temp Range:

-55 °C to +125 °C

Contact Resistance:

CLM: 15 mΩ

Max Cycles:

CLM: 100 with 10 μm (0.25 μm) Au

Voltage Rating:

MLE: 310 VAC

Insertion Depth:

CLM: Top Entry = (1.40 mm)

.055" min., Bottom Entry =

(2.41 mm) .095" min.

(Add board thickness for correct post OAL)

MLE: (1.63 mm) .064" to

(3.18 mm) .125" with

(0.38 mm) .015" wiper,

pass-through, or

(2.44 mm) .096" minimum

for bottom entry

Normal Force:

CLM: 40 grams (0.39 N) average

RoHS Compliant:

Yes

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (02-25)

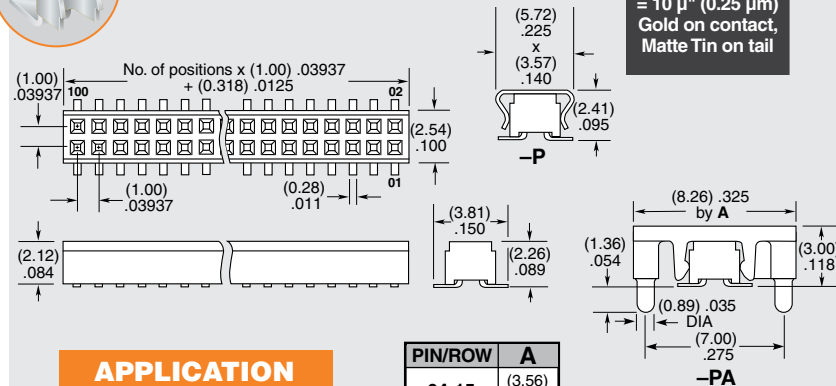
(0.15 mm) .006" max (26-50)



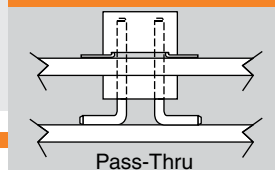
Mates with: FTM, FTMH, MW



02 thru 50



APPLICATION



PIN/ROW	A
04-15	(3.56) .140
16-50	(7.11) .280

- F**
= Gold flash on contact, Matte Tin on tail
- L**
= 10 μm (0.25 μm) Gold on contact, Matte Tin on tail
- BE**
= Bottom Entry (Required for bottom entry)
- K**
= (3.50 mm) .138" DIA Polyimide film Pick & Place Pad (7 positions minimum)
- P**
= Pick & Place Pad (7 positions minimum)
- PA**
= Pick & Place Pad with integral Alignment Pin
- TR**
= Tape & Reel Packaging

ALSO AVAILABLE (MOQ Required)

- Alignment pin
- Other Gold plating options

Contact Samtec.

RECOGNITIONS

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

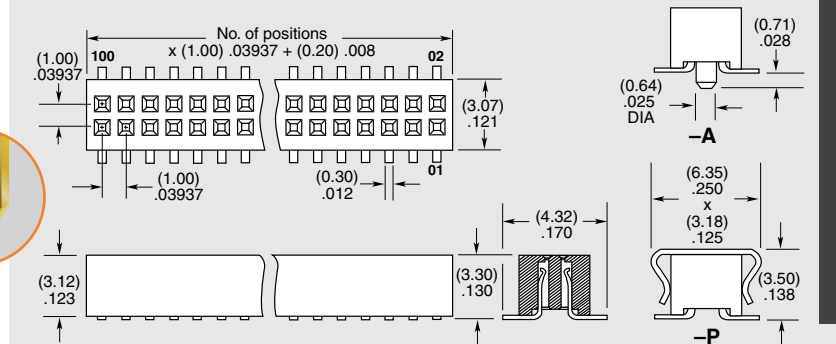


Note: Some lengths, styles and options are non-standard, non-returnable.



Mates with: FTM, FTMH, MW

02 thru 50



- G**
= 10 μm (0.25 μm) Gold
- A**
= Alignment Pin (3 positions minimum) Metal or plastic at Samtec discretion
- K**
= (4.00 mm) .1575" DIA Polyimide film Pick & Place Pad (5 positions minimum)
- P**
= Metal Pick & Place Pad (5 positions minimum)
- TR**
= Tape & Reel Packaging

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Board to Board & Mezzanine Connectors](#) category:

Click to view products by [Samtec](#) manufacturer:

Other Similar products are found below :

[10135583-642402LF](#) [89885-310LF](#) [589158040000018](#) [6-1393048-0](#) [68683-613](#) [MDF7-12DP-2.54DSA](#) [MDF7-18P-2.54DSA\(01\)](#) [MDF7-20DP-2.54DSA](#) [MDF7-26D-2.54DSA\(55\)](#) [MDF7-3P-2.54DSA\(01\)](#) [MDF7B-3P-2.54DSA\(55\)](#) [MDF7C-11P-2.54DSA\(55\)](#) [MDF7C-18P-2.54DSA\(55\)](#) [MDF7C-5P-2.54DSA\(01\)](#) [MDF7P-5P-2.54DSA\(55\)](#) [75234-0516](#) [FCN-230C068-11](#) [FCN-268F012-G/BD](#) [FCN-268F036-G/BD](#) [FCN-268M012-G/0D](#) [FCN-268M024-G/1D](#) [FCN-360C008-C](#) [FCN-360C040-C](#) [FCN-723J004/1](#) [MIS-048-01-F-D-DP-K](#) [832-10-034-10-001000](#) [93696-325LF](#) [11828-1FA](#) [AXK630345P](#) [18097-0013](#) [ICA-328STT](#) [2007042-2](#) [304400-2](#) [FCN-214Q030-G/0](#) [FCN-215Q040-G/0](#) [FCN-230C068-ESA](#) [FCN-234P048-G/0](#) [FCN-235D050-G/C](#) [FCN-360A3](#) [FCN-360C040-B](#) [210-93-314-41-105000](#) [2-22603-0](#) [379-064-521-202](#) [MDF7-12P-2.54DSA\(01\)](#) [MDF7-16P-2.54DS\(56\)](#) [MDF7-40DP-2.54DSA\(55\)](#) [MDF7-8P-2.54DSA\(55\)](#) [MDF7B-16P-2.54DSA\(55\)](#) [AXG720047](#) [5031084030](#)