

(2.00 mm) .0787"

MMS SERIES

TIGER CLAW™ SOCKET STRIP

Board Mates:

TMMH, TMM,
MTMM, MMT, TW,
LTMM, ZLTMM, TSH

Cable Mates:

TCMD

SPECIFICATIONS

For complete specifications
see www.samtec.com?MMS

Insulator Material:

Black LCP

Contact Material:

Phosphor Bronze

Plating:

Sn or Au over

50 μ " (1.27 μ m) Ni

Current Rating (MMS/TMM):

3.9 A per pin
(2 pins powered)

Operating Temp Range:

-55 °C to +125 °C with Gold

-55 °C to +105 °C with Tin

Insertion Depth:

DH = (2.13 mm) .084" to

(2.79 mm) .110",

SH = (2.13 mm) .084"

minimum or pass-through

Top Entry DV/SV = (2.13 mm)

.084" to (4.32 mm) .170"

Bottom Entry DV/SV =

(4.27 mm) .168" minimum

(Plus board)

RoHS Compliant:

Yes

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.15 mm) .006" max*

*(.004" stencil solution

may be available; contact

IPG@samtec.com)

RECOGNITIONS

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



FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

- Alignment Pin (-DV only)
- Locking clips and Through-hole pass-through options
- Other platings

Note:

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

MMS	1	NO. PINS PER ROW	01	PLATING OPTION	ROW OPTION	OTHER OPTION
02 thru 40						
			-F = Gold flash on contact, Matte Tin on tail -L = 10 μ " (0.25 μ m) Gold contact, Matte Tin on tail		-SV = Single Vertical -SH = Single Horizontal -DV = Double Vertical -DH = Double Horizontal	-“XX” = Polarized Position

HIGH-SPEED CHANNEL PERFORMANCE

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

8
Gbps

MMS	1	NO. PINS PER ROW	02	PLATING OPTION	ROW OPTION	OTHER OPTION
02 thru 40						
			-F = Gold flash on contact, Matte Tin on tail -L = 10 μ " (0.25 μ m) Gold contact, Matte Tin on tail		-SV = Single Vertical -SH = Single Horizontal -DV = Double Vertical -DH = Double Horizontal	-“XX” = Polarized Position -K = (5.50 mm) .217" DIA Polyimide Film Pick & Place Pad (-SV & -DV only) (-SV = 3 positions min.) (-DV = 4 positions min.) -M = Metal Pick & Place Pad (4 positions min.) (-DV only) -P = Plastic Pick & Place Pad (4 pos. min., -SV only) (5 pos. min., -DV only) -TR = Tape & Reel Packaging

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