



(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](http://www.samtec.com?MMS)

**Insulator Material:**  
Black LCP  
**Contact Material:**  
Phosphor Bronze  
**Plating:**  
Sn or Au over  
50 μ" (1.27 μm) 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](http://www.samtec.com/quality)



FILE NO. E111394

## 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						
<p><b>-F</b> = Gold flash on contact, Matte Tin on tail</p> <p><b>-L</b> = 10 μ" (0.25 μm) Gold contact, Matte Tin on tail</p> <p><b>-SV</b> = Single Vertical</p> <p><b>-SH</b> = Single Horizontal</p> <p><b>-DV</b> = Double Vertical</p> <p><b>-DH</b> = Double Horizontal</p>						
<p><b>-“XX”</b> = Polarized Position</p>						

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

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

[WWW.SAMTEC.COM](http://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.