



(2.00 mm) .0787"

MMS SERIES

# TIGER CLAW™ SOCKET STRIP

**Mates with:**  
TMMH, TMM, MTMM,  
MMT, TW, LTMM,  
ZLTMM, TCMD, TSH

## 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 μm (1.27 μm) Ni  
**Current Rating (MMS/TMM):**  
3.9 A per pin  
(1 pin powered per row)  
**Operating Temp Range:**  
-55 °C to +125 °C with Gold  
-55 °C to +105 °C with Tin  
**Contact Resistance:**  
10 mΩ  
**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

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## ALSO AVAILABLE (MOQ Required)

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

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

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

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