



(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  
50µ" (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)  
**Insertion Force:**  
(Single contact only)  
3.7 oz (1,03 N) avg.  
**Withdrawal Force:**  
(Single contact only)  
2.2 oz (0,61 N) avg.  
**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)



FILE NO. E111594 FILE NO. 090871\_0\_000

## 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.

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	-SV = Single Vertical	-“XX” = Polarized Position
				-L = 10µ" (0,25 µm) Gold contact, Matte Tin on tail	-SH = Single Horizontal	
					-DV = Double Vertical	
					-DH = Double Horizontal	

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	-SV = Single Vertical	-“XX” = Polarized Position
				-L = 10µ" (0,25 µm) Gold contact, Matte Tin on tail	-SH = Single Horizontal	-K = (5,50 mm) .217" DIA Polyimide Film Pick & Place Pad (-SV & -DV only) (-SV = 3 positions min.) (-DV = 4 positions min.)
					-DV = Double Vertical	-M = Metal Pick & Place Pad (4 positions min.) (-DV only)
					-DH = Double Horizontal	-P = Plastic Pick & Place Pad (4 pos. min., -SV only) (5 pos. min., -DV only)
						-TR = Tape & Reel Packaging

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