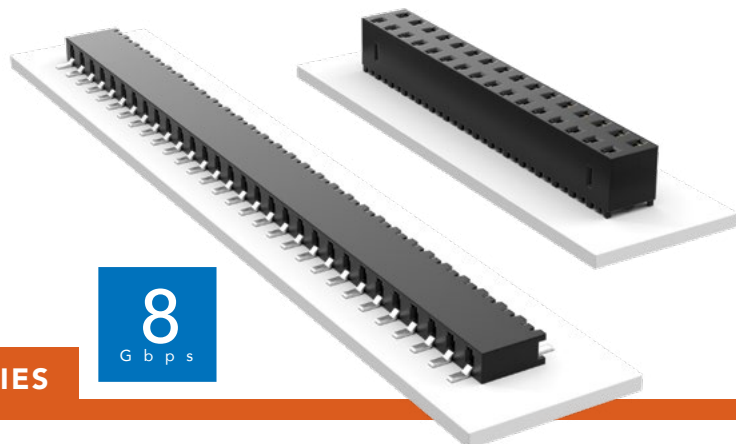


# TIGER CLAW™ SOCKET STRIP

(2.00 mm) .0787" PITCH • MMS SERIES



## MMS

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

**Cable Mates:**  
TCMD

## SPECIFICATIONS

### 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  
(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)

## PROCESSING

### Lead-Free Solderable:

Yes

### SMT Lead Coplanarity:

(0.15 mm) .006" max\*

\*(.004" stencil solution  
may be available; contact  
IPG@samtec.com)

## 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	OPTION
02 thru 40				-F = Gold flash on contact, Matte Tin on tail	-SV = Single Vertical	-“XX” = Polarized Position
				-L = 10 μm (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 = 10 μm (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 positions min., -SV only) (5 positions min., -DV only)
						-TR = Tape & Reel
						-FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

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