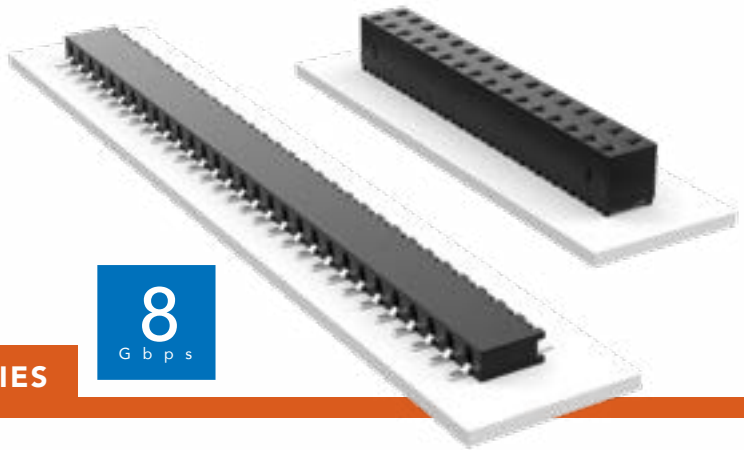


# TIGER CLAW™ SOCKET STRIP

(2.00 mm) .0787" PITCH • MMS SERIES



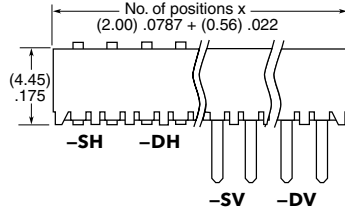
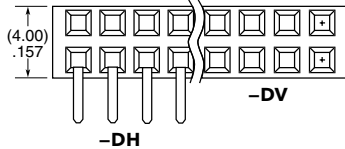
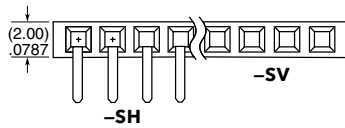
**MMS**

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

**Cable Mates:**  
TCMD

<b>MMS</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>01</b>	<b>PLATING OPTION</b>	<b>ROW OPTION</b>	<b>OPTION</b>
------------	----------	-------------------------	-----------	-----------------------	-------------------	---------------

02 thru 40



**-F**  
= Gold flash on contact,  
Matte Tin on tail

**-L**  
= 10 μ" (0.25 μm)  
Gold contact,  
Matte Tin on tail

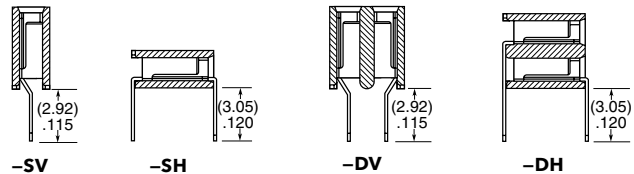
**-SV**  
= Single  
Vertical

**-SH**  
= Single  
Horizontal

**-DV**  
= Double  
Vertical

**-DH**  
= Double  
Horizontal

**-XX**  
= Polarized  
Position



**SPECIFICATIONS**

**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)

**PROCESSING**

**Lead-Free Solderable:**

Yes

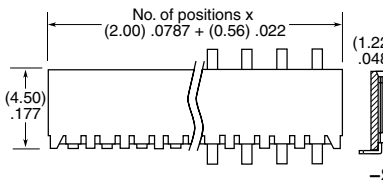
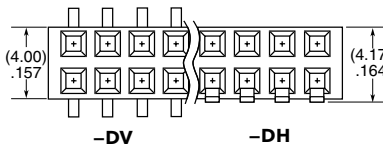
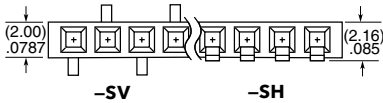
**SMT Lead Coplanarity:**

(0.15 mm) .006" max\*

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

<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>
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02 thru 40



**-F**  
= Gold flash on contact,  
Matte Tin on tail

**-L**  
= 10 μ" (0.25 μm)  
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  
(3 positions min.)  
(-SV & -DV only)

**-M**  
= Metal Pick & Place Pad  
(4 positions min.)  
(-DV only)

**-P**  
= Plastic Pick & Place Pad  
(4 positions min.)  
(-SV & -DV only)



**-TR**  
= Tape & Reel

**-FR**  
= Full Reel  
Tape & Reel  
(must order max.  
quantity per reel;  
contact Samtec for  
quantity breaks)

**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.

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