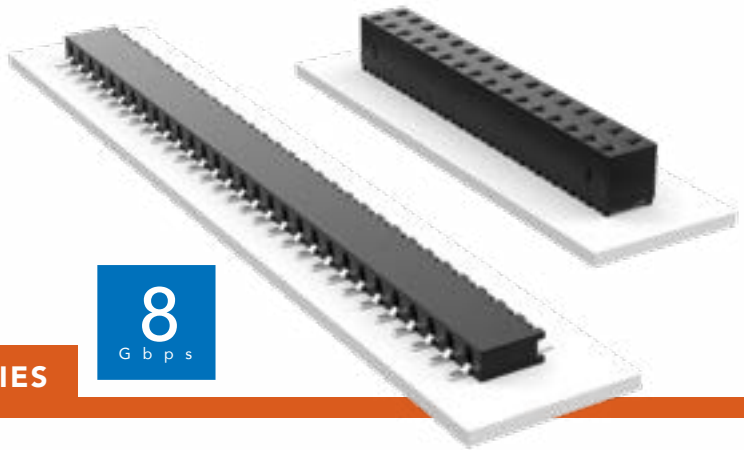


# TIGER CLAW™ SOCKET STRIP

(2.00 mm) .0787" PITCH • MMS SERIES



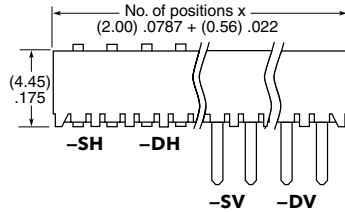
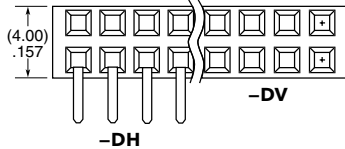
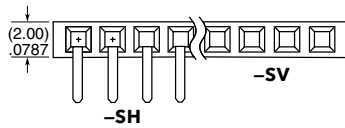
**MMS**

**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>
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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

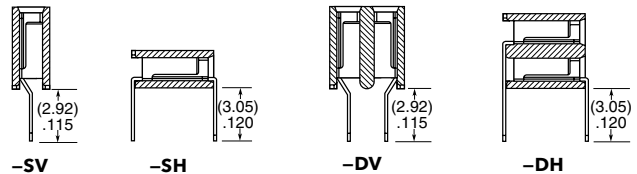
**-SV**  
= Single Vertical

**-SH**  
= Single Horizontal

**-DV**  
= Double Vertical

**-DH**  
= Double Horizontal

**-XX**  
= Polarized Position



**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)

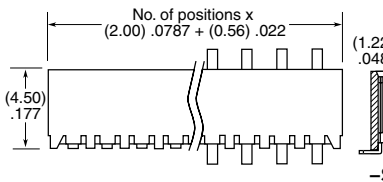
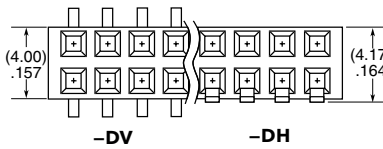
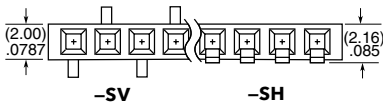
**PROCESSING**

**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.

# Mouser Electronics

Authorized Distributor

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