



TIGER CLAW™ SOCKET STRIP

(2.00 mm) .0787" PITCH • A-MMS SERIES

8
Gbps

A-MMS
Board Mates:
A-TMMH, A-TMM,
A-MTMM, A-MMT, A-TW

TIGER CLAW
CONTACT

A-MMS	- 1	NO. PINS PER ROW	- 02	PLATING OPTION	- ROW OPTION	- OTHER OPTION
		02 thru 40				
				-L = 10 μ" (0.25 μm) Gold contact, Matte Tin on tail	-SV = Single Vertical	-A = Alignment Pin (-DV only)
					-DV = Double Vertical	-K = (5.00 mm) .217" DIA Polyimide Film Pick & Place Pad (-SV & -DV only) (-SV= 3 positions min.) (-DV= 4 positions min.)
					-SH = Single Horizontal	
					-DH = Double Horizontal	-P = Plastic Pick & Place Pad (4 positions min., -SV only) (5 positions min., -DV only)
						-TR = Tape & Reel

SPECIFICATIONS

Insulator Material:

Black LCP

Contact Material:

Phosphor Bronze

Plating:

Sn or Au over

50 μ" (1.27 μm) Ni

Current Rating (A-MMS/A-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 =

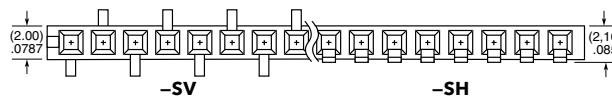
(2.13 mm) .084" to

(4.32 mm) .170"

Bottom Entry DV/SV =

(4.27 mm) .168" minimum

(Plus board)



PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

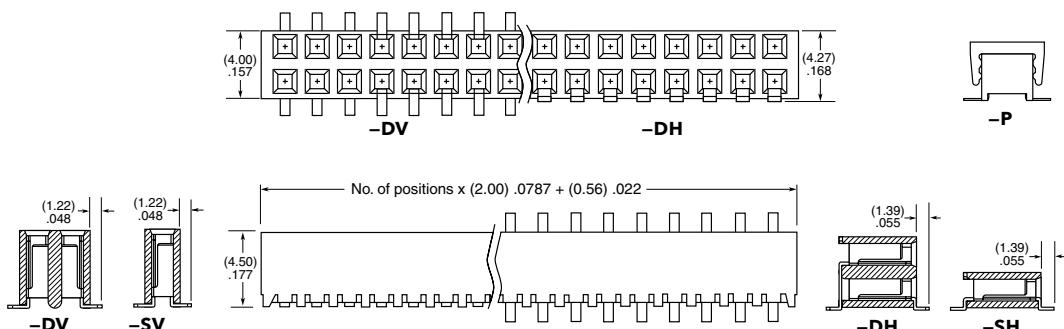
(0.15 mm) .006" max*

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

ALSO AVAILABLE

MOQ Required

Through-hole
pass-through options
Other platings



Note:

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

Due to technical progress, all designs, specifications and components are subject to change without notice.