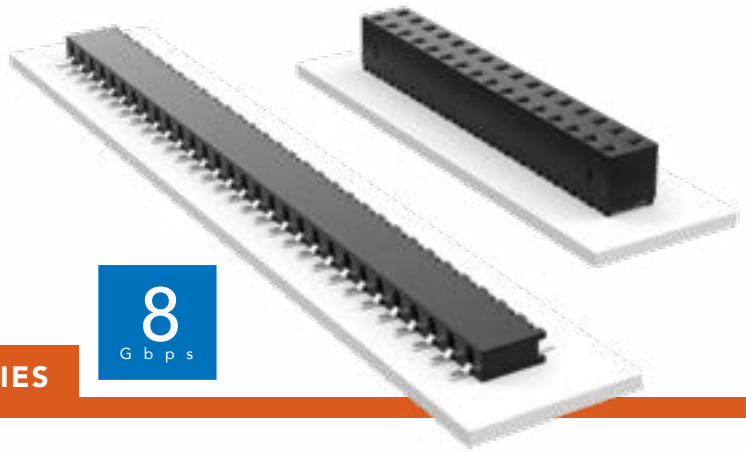
TIGER™ CLAW CONTACT

TIGER CLAW™ SOCKET STRIP



8 Gbps

(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 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)

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

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

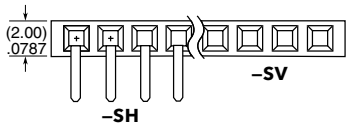
–SV
= Single Vertical

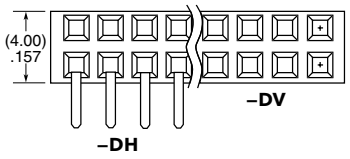
–SH
= Single Horizontal

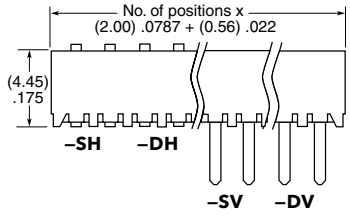
–DV
= Double Vertical

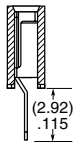
–DH
= Double Horizontal

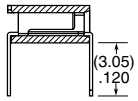
–"XX"
= Polarized Position

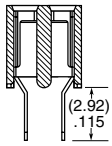


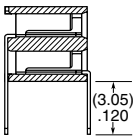












MMS	–	1	NO. PINS PER ROW	–	02	–	PLATING OPTION	–	ROW OPTION	–	OTHER OPTION

02 thru 40

–F
= Gold flash on contact, Matte Tin on tail

–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

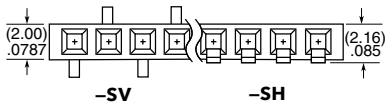
–K
= (5.50 mm) .217" DIA Polyimide Film Pick & Place Pad (3 positions min.) (–SV & –DV only)

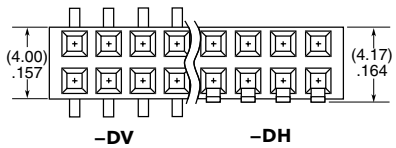
–M
= Metal Pick & Place Pad (4 positions min.) (–DV only)

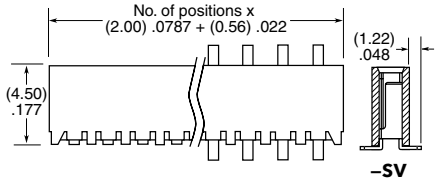
–P
= Plastic Pick & Place Pad (4 positions min.) (–SV & –DV only)

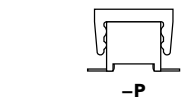
–TR
= Tape & Reel

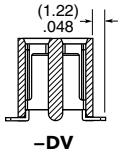
–FR
= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

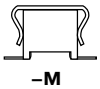


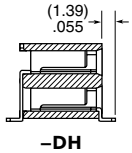












Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.