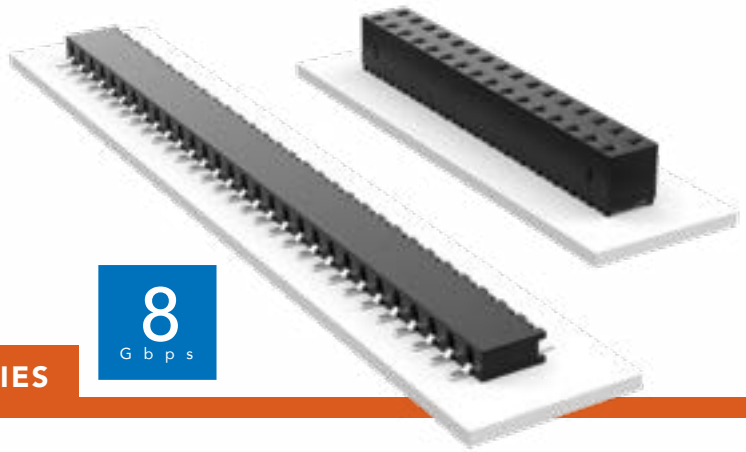
TIGER™ CLAW CONTACT

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

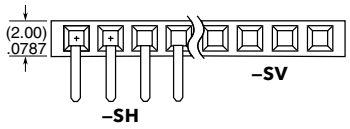
–SV
= Single Vertical

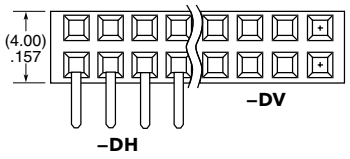
–SH
= Single Horizontal

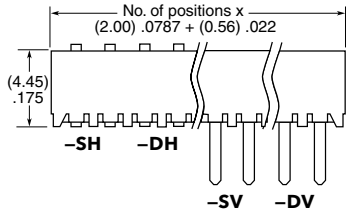
–DV
= Double Vertical

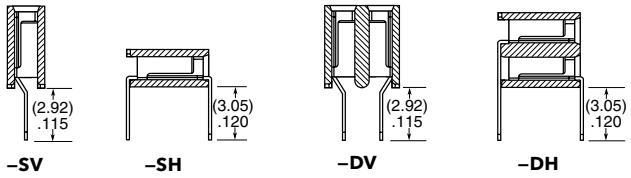
–DH
= Double Horizontal

–"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

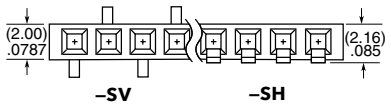
–K
= (5.50 mm) .217" DIA Polyimide Film Pick & Place Pad (3 positions min.) (–SV & –DV only)

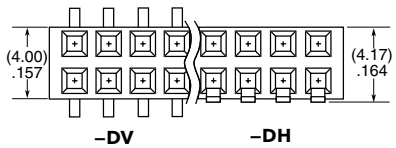
–M
= Metal Pick & Place Pad (4 positions min.) (–DV only)

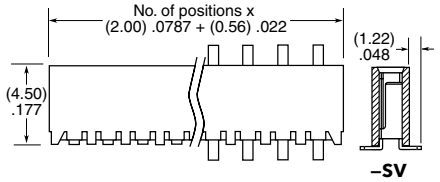
–P
= Plastic Pick & Place Pad (4 positions min.) (–SV & –DV only)

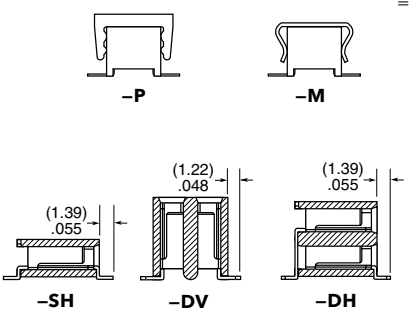
–TR
= Tape & Reel

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









erwise 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.