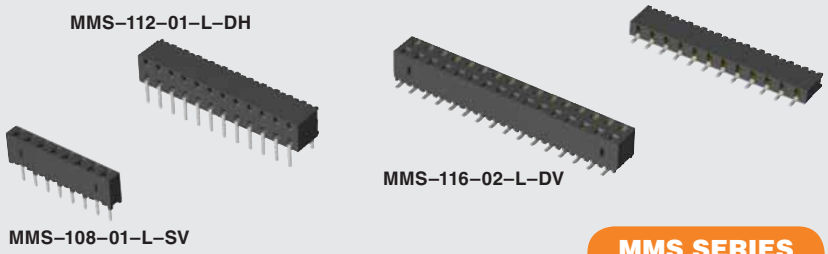
samtec

TIGER CLAW CONTACT™



(2,00 mm) .0787"

MMS SERIES

TIGER CLAW™ SOCKET STRIP

Mates with:
TMMH, TMM, MTMM, MMT, TW, LTMM, ZLTMM, TCMD, TSH

SPECIFICATIONS

For complete specifications see www.samtec.com?MMS

Insulator Material:
Black LCP
Contact Material:
Phosphor Bronze
Plating:
Sn or Au over
50µ" (1,27 µm) Ni
Current Rating (MMS/TMM):
3.9 A per pin
(1 pin powered per row)
Operating Temp Range:
-55°C to +125°C with Gold
-55°C to +105°C with Tin
Contact Resistance:
10 mΩ
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)
Insertion Force:
(Single contact only)
3.7 oz (1,03 N) avg.
Withdrawal Force:
(Single contact only)
2.2 oz (0,61 N) avg.
RoHS Compliant:
Yes

Processing:

Lead–Free Solderable:
Yes
SMT Lead Coplanarity:
(0,15 mm) .006" max

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

FILE NO. E111594 FILE NO: 090871_0_000

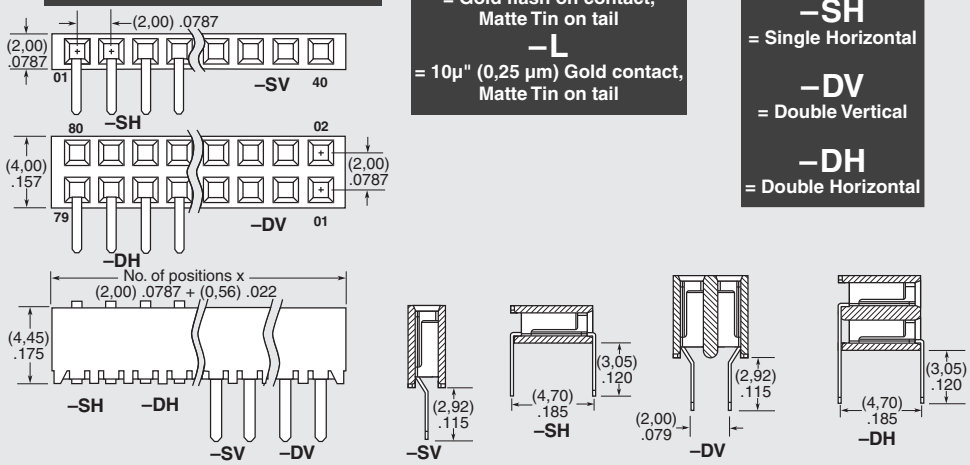
ALSO AVAILABLE (MOQ Required)

- Alignment Pin (–DV only)
- Locking clips and Through-hole pass-through options
- Other platings

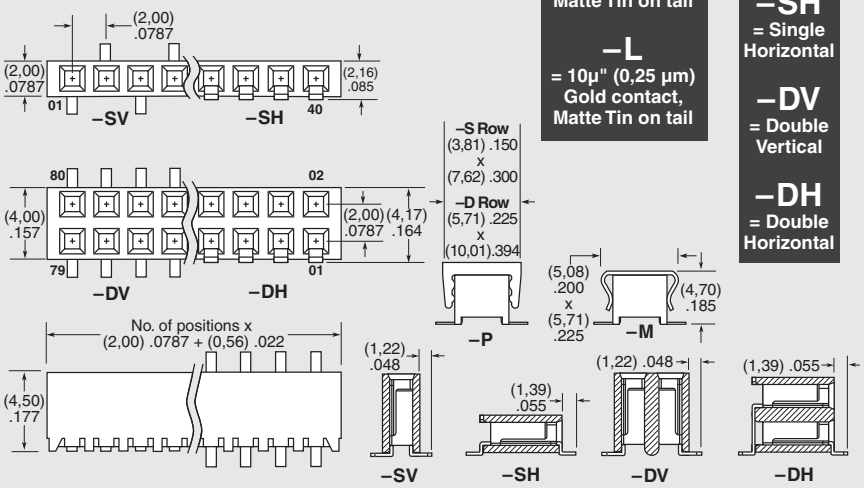
Contact Samtec.

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

MMS	–	1	NO. PINS PER ROW	–	01	–	PLATING OPTION	–	ROW OPTION	–	OTHER OPTION
			02 thru 40				–F = Gold flash on contact, Matte Tin on tail –L = 10µ" (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 = 10µ" (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 (–SV & –DV only) (–SV= 3 positions min.) (–DV= 4 positions min.) –M = Metal Pick & Place Pad (4 positions min.) (–DV only) –P = Plastic Pick & Place Pad (4 pos. min., –SV only) (5 pos. min., –DV only) –TR = Tape & Reel Packaging



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