samtec

Ships in 3 DAYS

SMM-112-02-S-S

SMM-120-01-S-D

2mm SOCKET STRIPS SMM SERIES

Mates with:
TMM, TMMH, MTMM, MMT, LTMM, TW, FTW, TCMD

Features

- Four-finger contacts provide reliability and performance when mating with square terminals.
- Slotted tails provide added adhesion of solder paste and additional joint strength after reflow.
- "Solder stop" is designed into the contact to prevent wicking.
- High temperature LCP body is ideal for vapor phase or infrared soldering.
- Optional alignment/retention clips.

Specifications:
SMM
HI-TEMP ®

Insulator Material:
Black Liquid Crystal Polymer
Contact Material:
BeCu
Operating Temp Range:
-65°C to +125°C
Max Processing Temp:
230°C for 60 seconds
Plating:
Sn or Au over
50µ" (1,27µm) Ni
SMT Lead Coplanarity:
.004" (0,10mm) max
Contact Resistance:
10 mΩ max
Insertion Depth:
.080" (2,03mm)
to .120" (3,05mm)
Insertion Force:
4.5 oz (1,25N) average
Withdrawal Force:
3.0 oz (0,83N) average
Max Cycles:
100 with 10µ" (0,25µm) Au

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

Ordering Information

SMM	- 1	NO. PINS PER ROW	-	LEAD STYLE	-	PLATING OPTION	-	ROW OPTION	-	LOCKING OPTION

NO. PINS PER ROW: 01 thru 40

PLATING OPTION:
-S = 30µ" (0,76µm) Gold contact 150µ" (3,81µm) Tin tail

ROW OPTION:
-S = Single Row
-D = Double Row

LOCKING OPTION:
-P = Pick & Place Pad
-S Row (4,95).195 X (7,62).300
-D Row (5,71).225 X (10,01).394

-"XX" = Polarized Position
Specify "XX" for position number.

-TR = Tape & Reel Packaging (Style -02 only)

LEAD STYLE:

No. of Positions X (2,00).079
(2,00).079
(2,00).079
01 ... 40

80 ... 02
(2,00).079 (4,00).158
79 ... 01

(3,56).140

(0,51).020

-01 = Through Hole
(3,05).120
(0,13).005
(2,00).079

TIGER EYE CONTACT

-02 = Surface Mount (02 pins per row minimum)
(4,32).170
(6,30).248

POLARIZING KEY

Specify PK-07 for polarizing key. Also polarizes TCSD Series IDC Cable.

APPLICATION SPECIFIC OPTION

Locking clip option available. Call Samtec.

TAPE & REEL AVAILABILITY

No tooling charges. 125 piece minimum order. Order any quantity above minimum. In-house design, manufacture. Quick turn-around.
Call Samtec for specifications and ordering information.

PCB LAYOUTS

Typical SMT Board Layouts For SMM Series

(0,89).035
(2,00).079
(1,00).039 TYP
(2,54).100 TYP
(3,81).150
(7,62).300
(1,19).047 DIA TYP (2)

(0,89).035
(2,00).079
(1,00).039 TYP
(2,29).090
(2,54).100
(5,08).200
(1,19).047 DIA TYP (2)