

(1,27mm) .050"
PCMT, PCMS SERIES

PCMCIA TERMINAL & SOCKET STRIPS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?PCMT

Insulator Material: Black Liquid Crystal Polymer
Terminal Material: Phosphor Bronze
Plating: Sn or Au over 50µ" (1,27µm) Ni
Current Rating: 2A @ 80°C ambient
Operating Temp Range: -55°C to +105°C with Tin; -55°C to +125°C with Gold
Lead-Free Solderable: Yes
SMT Lead Coplanarity: (0,15mm) .006" max
RoHS Compliant: Yes



PCMT - 134 - LEAD STYLE - PLATING OPTION - D - RA - CARD LENGTH - SL

Mates with: PCMS

Specify LEAD STYLE from chart

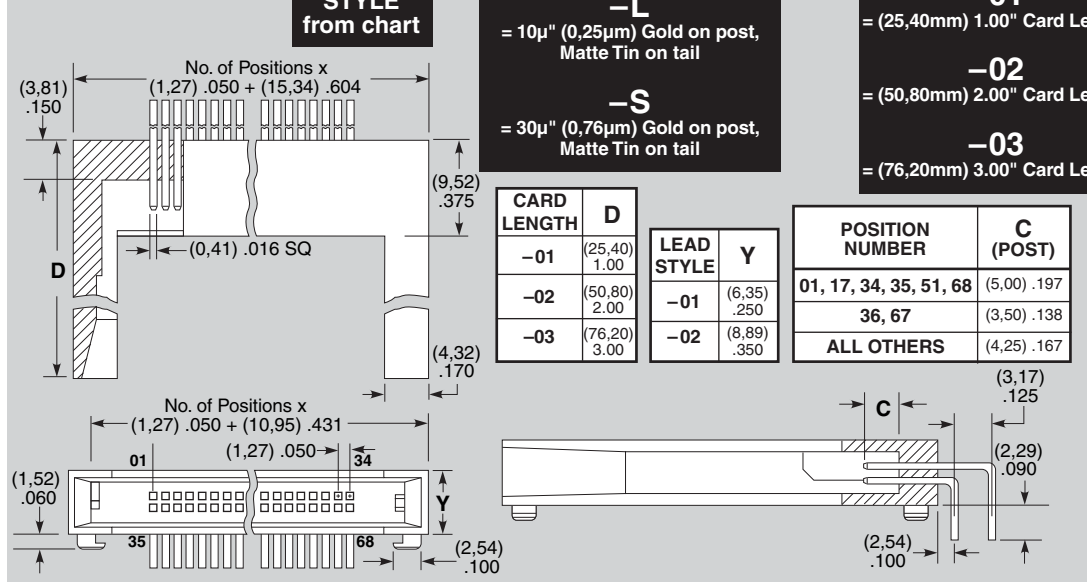
-L
 = 10µ" (0,25µm) Gold on post, Matte Tin on tail

-S
 = 30µ" (0,76µm) Gold on post, Matte Tin on tail

-01
 = (25,40mm) 1.00" Card Length

-02
 = (50,80mm) 2.00" Card Length

-03
 = (76,20mm) 3.00" Card Length



CARD LENGTH	D
-01	(25,40) 1.00
-02	(50,80) 2.00
-03	(76,20) 3.00

LEAD STYLE	Y
-01	(6,35) .250
-02	(8,89) .350

POSITION NUMBER	C (POST)
01, 17, 34, 35, 51, 68	(5,00) .197
36, 67	(3,50) .138
ALL OTHERS	(4,25) .167

APPLICATION

Reflowed solder forced into lock notch

Plated Through-hole Plastic Solder Lock

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

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?PCMS

Insulator Material: Black Liquid Crystal Polymer
Contact Material: BeCu
Plating: Au or Sn over 50µ" (1,27µm) Ni
Current Rating: 1A
Operating Temp Range: -55°C to +125°C
Contact Resistance: 10 mΩ max
Insertion Depth: (3,05mm) .120" min
Insertion Force: (Single contact only) 4.0oz (1,11N) avg.
Withdrawal Force: (Single contact only) 3.0oz (0,83N) avg. 3.0oz (0,83N) avg. 3.0oz (0,83N) avg.
Lead-Free Solderable: Yes
SMT Lead Coplanarity: (0,10mm) .004" max
RoHS Compliant: Yes



PCMS - 134 - CARD THICKNESS - PLATING OPTION - D

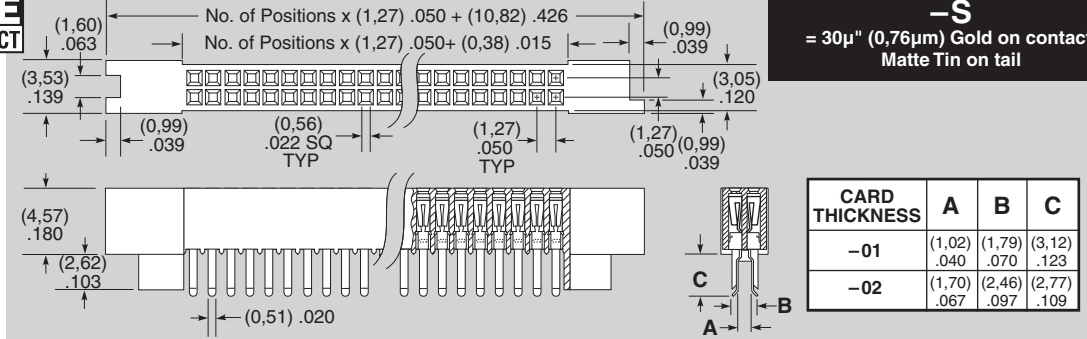
Mates with: PCMT

-01
 = (0,80mm) .031" thick board

-02
 = (1,60mm) .062" thick board

-L
 = 10µ" (0,25µm) Gold on contact, Matte Tin on tail

-S
 = 30µ" (0,76µm) Gold on contact, Matte Tin on tail



CARD THICKNESS	A	B	C
-01	(1,02) .040	(1,79) .070	(3,12) .123
-02	(1,70) .067	(2,46) .097	(2,77) .109

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

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