



(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



APPLICATION

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

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	LEAD STYLE	Y	POSITION NUMBER	C (POST)
-01	(25,40) 1.00	-01	(6,35) .250	01, 17, 34, 35, 51, 68	(5,00) .197
-02	(50,80) 2.00	-01	(6,35) .250	36, 67	(3,50) .138
-03	(76,20) 3.00	-02	(8,89) .350	ALL OTHERS	(4,25) .167

SPECIFICATIONS

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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.
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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