

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

# PCMCIA TERMINAL & SOCKET STRIPS

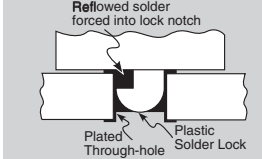
## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?PCMT](http://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**

**Plating Options:**  
 -L = 10µ" (0,25µm) Gold on post, Matte Tin on tail  
 -S = 30µ" (0,76µm) Gold on post, Matte Tin on tail

**Card Length Options:**  
 -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

For complete specifications and recommended PCB layouts see [www.samtec.com?PCMS](http://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.  
**Lead-Free Solderable:** Yes  
**SMT Lead Coplanarity:** (0,10mm) .004" max  
**RoHS Compliant:** Yes



**PCMS - 134 - CARD THICKNESS - PLATING OPTION - D**

**Mates with:** PCMT

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

**Card Thickness Options:**  
 -01 = (0,80mm) .031" thick board  
 -02 = (1,60mm) .062" thick board

**Plating Options:**  
 -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.

**WWW.SAMTEC.COM**