

(1,27 mm) .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" (1,27 µm) Ni

Current Rating:

2A per contact @ 80°C ambient

Operating Temp Range:

-55°C to +105°C with Tin; -55°C to +125°C with Gold

Lead-Free Solderable:

Yes

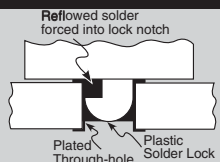
SMT Lead Coplanarity:

(0,15 mm) .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

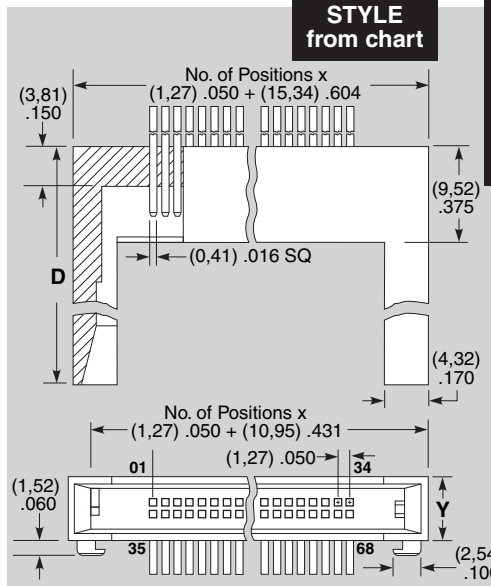
-L
= 10µ" (0,25 µm) Gold on post, Matte Tin on tail

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

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

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

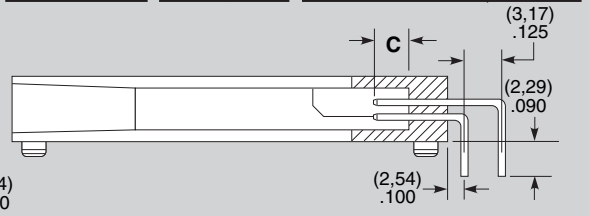
-03
= (76,20 mm) 3.00" Card Length



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



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" (1,27 µm) Ni

Current Rating:

1A per contact

Operating Temp Range:

-55°C to +125°C

Contact Resistance:

10 mΩ

Insertion Depth:

(3,05 mm) .120" min

Insertion Force:

(Single contact only) 4.0 oz (1,11 N) avg.

Withdrawal Force:

(Single contact only) 3.0 oz (0,83 N) avg.

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10 mm) .004" max

RoHS Compliant:

Yes

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

Mates with: PCMT

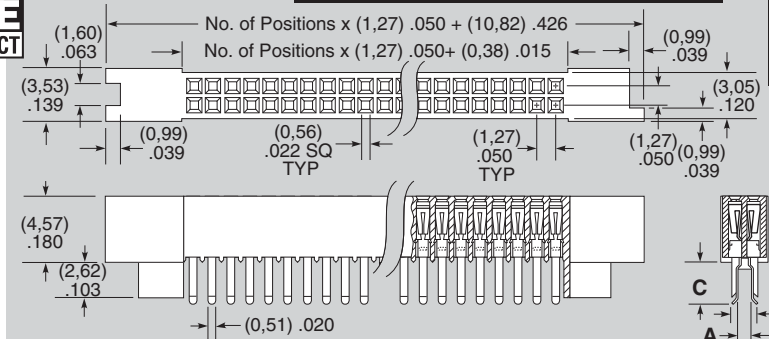
Note: Some sizes, styles and options are non-standard, non-returnable.

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

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

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

-S
= 30µ" (0,76 µm) 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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