

(1,27 mm) .050"

PCMT, PCMS SERIES

PCMCIA TERMINAL & SOCKET STRIPS

SPECIFICATIONS

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

Insulator Material:
Black Liquid Crystal Polymer

Terminal Material (PCMT):
Phosphor Bronze

Contact Material (PCMS):
BeCu

Plating:
Sn or Au over
50µ" (1,27 µm) Ni

Operating Temp Range:
PCMT = -55°C to +105°C Tin

PCMT = -55°C to +125°C Gold

PCMS = -55°C to +125°C

Contact Resistance (PCMS):
10 mΩ

Insertion Depth (PCMS):
(3,05 mm) .120" min

Insertion Force (PCMS):
(Single contact only)

4.0 oz (1,11 N) avg.

Withdrawal Force (PCMS):
(Single contact only)

3.0 oz (0,83 N) avg.

Lead-Free Solderable:
Yes

SMT Lead Coplanarity

(PCMT):

(0,10 mm) .004" max (20)

(0,15 mm) .006" max (30-50)

SMT Lead Coplanarity

(PCMS):

(0,10 mm) .004" max

RoHS Compliant:
Yes

PCMT

134

LEAD
STYLEPLATING
OPTION

D

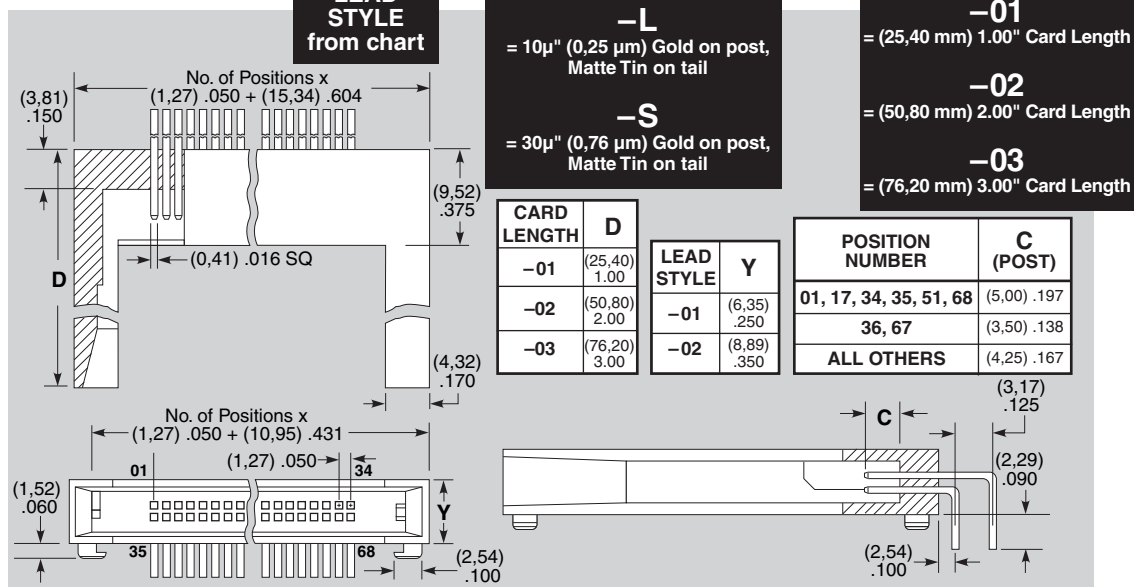
RA

CARD
LENGTH

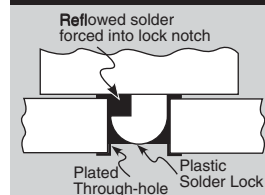
SL

Mates with:
PCMS

Specify
LEAD
STYLE
from chart



APPLICATIONS



RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



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

PCMS

134

CARD
THICKNESSPLATING
OPTION

D

Mates with:
PCMT

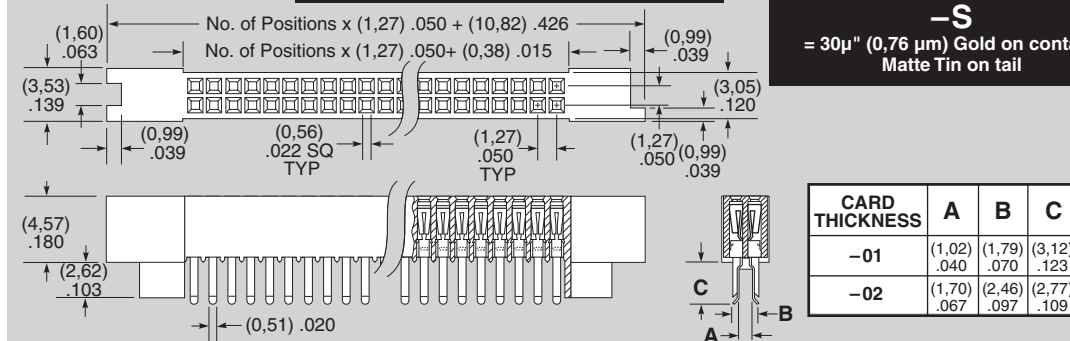


-01
= (0,80 mm) .031" thick board

-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



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

WWW.SAMTEC.COM

SAMTEC USA • Tel: +1-800-SAMTEC-9 or +1-812-944-6733 SAMTEC NORTH CAROLINA • Tel: +1-408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: +1-800-726-8329
 SAMTEC SOUTH AMERICA • Tel: +55 31 3786 3227 SAMTEC UNITED KINGDOM • Tel: +44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
 SAMTEC FRANCE • Tel: +33 1 60 95 06 60 SAMTEC ITALY • Tel: +39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46 8 4477280 SAMTEC BENELUX • Tel: +44 01236 739292
 SAMTEC ISRAEL • Tel: +972 3 7526600 SAMTEC INDIA • Tel: +91 80 3272 1612 SAMTEC ANZ • Tel: +613 9580 0683 SAMTEC SINGAPORE • Tel: +65 6745 5955 SAMTEC JAPAN • Tel: +81 45 475 1385
 SAMTEC SHANGHAI • Tel: +86 21 6083 3766 SAMTEC SHENZHEN • Tel: +86 755 83776780 SAMTEC TAIWAN • Tel: +886 2 2735 6109 SAMTEC HONG KONG • Tel: +852 26904658 SAMTEC KOREA • Tel: +82 31 717 5685