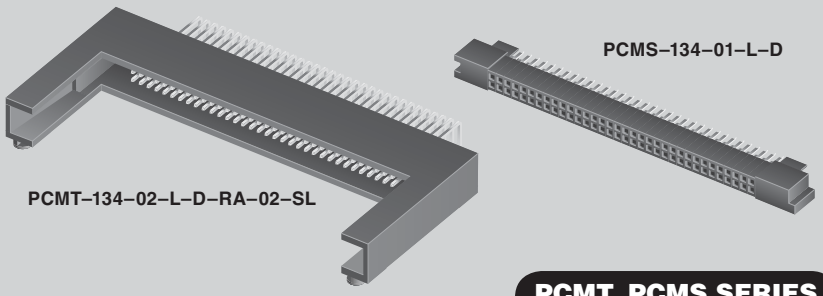
samtec



(1,27 mm) .050"

PCMT, PCMS SERIES

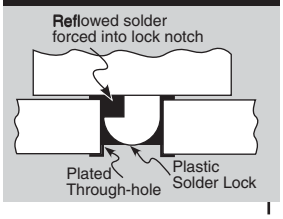
PCMCIA TERMINAL & SOCKET STRIPS

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

APPLICATIONS



RECOGNITIONS

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

FILE NO. E111594

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

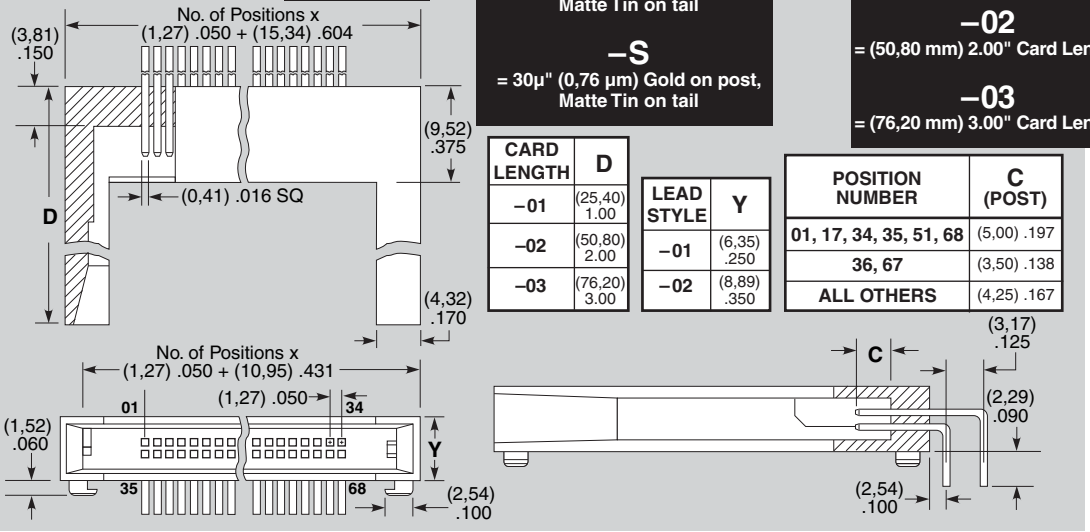
–L
= 10µ" (0,25 µm) Gold on post, Matte Tin on tail

–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

PCMS – 134 – CARD THICKNESS – PLATING OPTION – D

Mates with:
PCMT

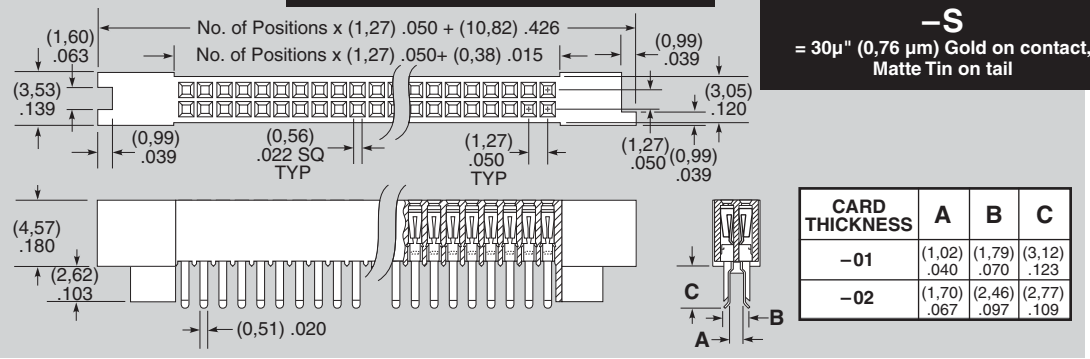
TIGER EYE CONTACT™

–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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