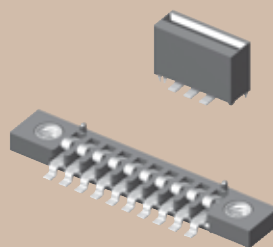
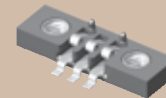


PEC-03-02-T-S-LC



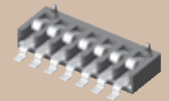
OPP-10-01-T-S-E-AT

PEC-07-02-T-S-A



OPP-03-01-T-S-E-AT

OPP-07-01-T-S-AT



POWER EDGE CARD

PEC, OPP SERIES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?PEC or www.samtec.com?OPP

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

BeCu

Plating:

Sn over 50µ" (1.27µm) Ni

Operating Temp Range: -55°C to +105°C

Voltage Rating (PEC): 250 VAC

Voltage Rating (OPP): 600 VAC

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

SMT Lead Coplanarity (PEC):

(0,10mm) .004" max

SMT Lead Coplanarity (OPP):

(0,15mm) .006" max



PEC

NO. PINS
PER ROW

LEAD
STYLE

PLATING
OPTION

S

OPTION

-03, -07, -10

NO. OF POSITIONS	A	B	C
-03	(12,70) .500	(11,43) .450	N/A
-07	(22,86) .900	(21,59) .850	(8,89) .350
-10	(30,48) 1.200	(29,21) 1.150	(11,43) .450

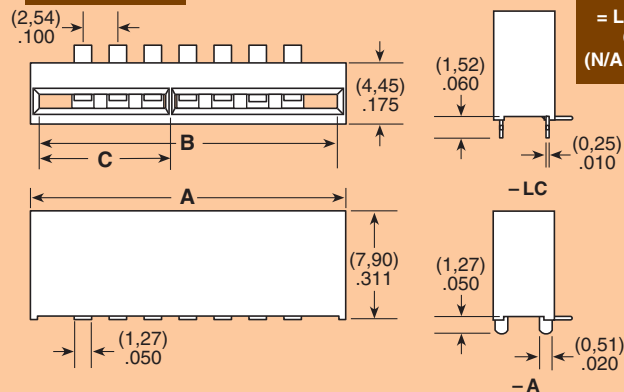
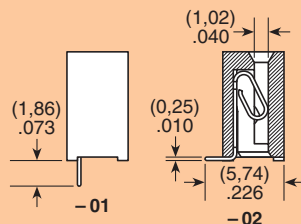
-01
= Straight Tail

-02
= Surface Mount

-T
= Matte Tin

-A
= Alignment
Pin
(N/A with -LC)

-LC
= Locking
Clip
(N/A with -A)



CURRENT RATING

AMBIENT TEMP	PEC
20°C	9.8A
40°C	8.5A
60°C	7A
75°C	5.8A
4 POSITIONS POWERED	



OPP

NO. PINS
PER ROW

01

PLATING
OPTION

S

INSERT
OPTION

OTHER
OPTION

-03, -07, -10

(-07 and -10 may require board stiffener)

-T

= Matte Tin

(Leave blank
for no Screw
Inserts)

-E
= #2-56 x 1/16"
screw thread

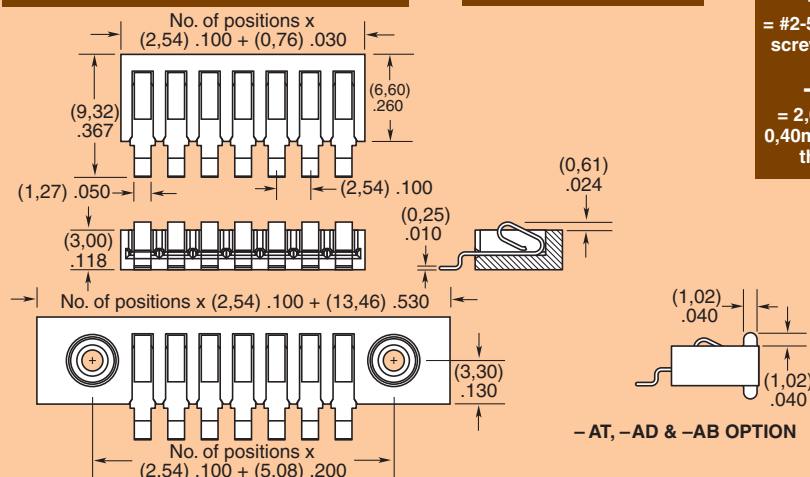
-M
= 2,00mm x
0,40mm screw
thread

(Leave blank for no
Alignment
Pin)

-AT
= Alignment
Pin
Top Side

-AB
= Alignment
Pin
Bottom Side

-AD
= Alignment
Pin
Dual Side



-AT, -AD & -AB OPTION

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

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

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