

(2.54 mm) .100"

PEC-03-02-T-S-LC

PEC-10-02-T-S-LC

PEC-07-02-T-S

PEC SERIES

# POWER EDGE CARD CONNECTOR

## SPECIFICATIONS

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

### Insulator Material:

Black Liquid Crystal Polymer

### Contact Material:

BeCu

### Plating:

Sn over 50  $\mu$ " (1.27  $\mu$ m) Ni

### Current Rating:

7.5 A per pin

(1 pin powered)

### Operating Temp Range:

-55 °C to +105 °C

### Voltage Rating:

250 VAC

### RoHS Compliant:

Yes

## PROCESSING

### Lead-Free Solderable:

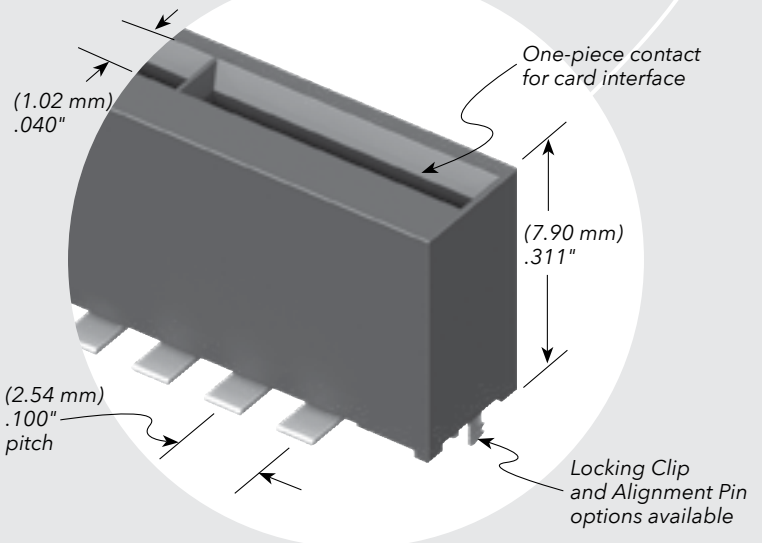
Yes

### SMT Lead Coplanarity:

(0.10 mm) .004" max

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



PEC

NO. PINS  
PER ROWLEAD  
STYLEPLATING  
OPTION

S

OPTION

-03, -07, -10

-01

= Straight Tail

-02

= Surface Mount

-T  
= Matte Tin

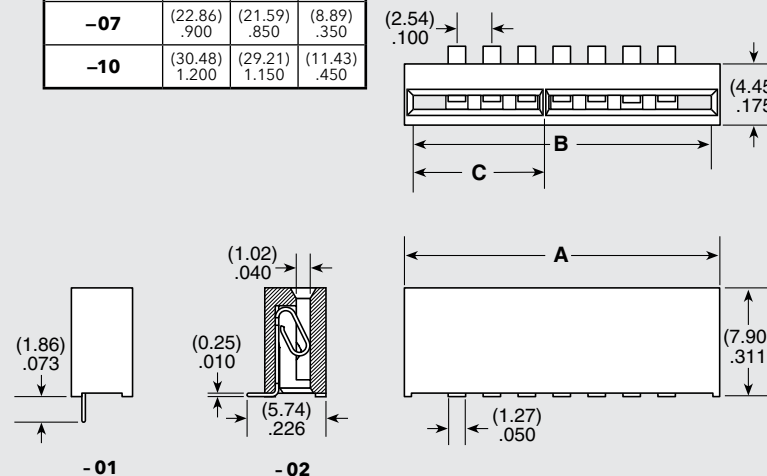
-A

= Alignment  
Pin  
(Not available  
with -LC)

-LC

= Locking  
Clip  
(Manual  
placement  
required)  
(Not available  
with -A)

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



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

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