



(2.54 mm) .100"

BCS-110-L-S-DE

BCS-108-L-D-HE

BCS-110-L-S-HE

BCS-112-L-D-PE

BCS-115-L-D-TE

BCS SERIES

# TIGER CLAW™ PASS-THROUGH SOCKET

## Mates with:

TSW, MTSW, HTSW,  
HMTSW, TSS, ZSS,  
DW, EW, ZW, HW, TSM,  
MTLW, PHT

## SPECIFICATIONS

For complete specifications  
see [www.samtec.com?BCS](http://www.samtec.com?BCS)

### Insulator Material:

Black Liquid Crystal Polymer

### Contact Material:

Phosphor Bronze

### Plating:

Au or Sn over

50 μ" (1.27 μm) Ni

### Current Rating (BCS/TSW):

4.6 A per pin

(2 pins powered)

### Voltage Rating:

475 VAC

(-TE/-DE/-PE mated with TSM)

450 VAC

(-HE mated with TSW)

### Operating Temp Range:

-55 °C to +125 °C

### Insertion Depth:

(4.34 mm) .171" to (7.24 mm)

.285" from top, (5.64 mm)

.222" plus board thickness

minimum from bottom.

-HE is (4.34 mm) .171"

to (6.35 mm) .250"

### RoHS Compliant:

Yes

### Lead-Free Solderable:

Yes

## RECOGNITIONS

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

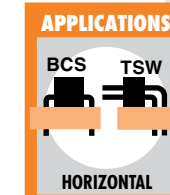


## ALSO AVAILABLE (MOQ Required)

- Other platings

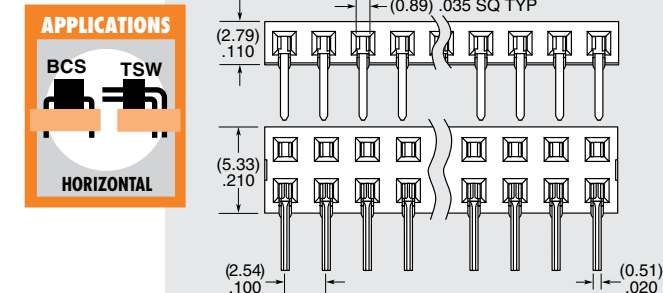


TIGER  
CLAW  
CONTACT

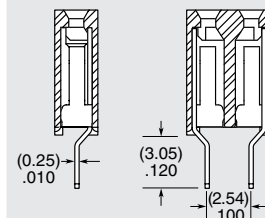
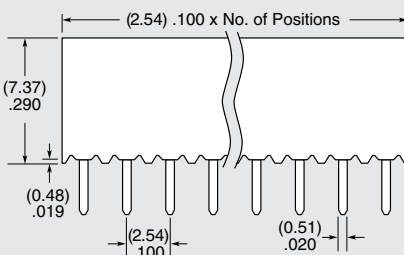
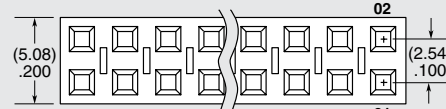


BCS TSW

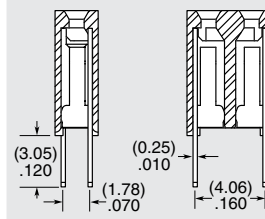
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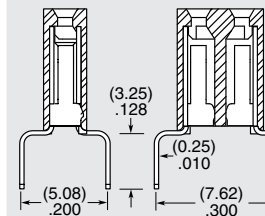
01 thru 50



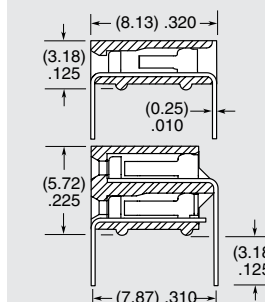
-TE  
= Top  
Entry



-DE  
= Top Entry  
(For Bottom  
Entry specify  
-DE-BE)  
Cannot be  
used with plated  
through-holes



-PE  
= Pass-through  
Entry  
(For Bottom  
Entry specify  
-PE-BE)



-HE  
= Horizontal  
Entry

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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