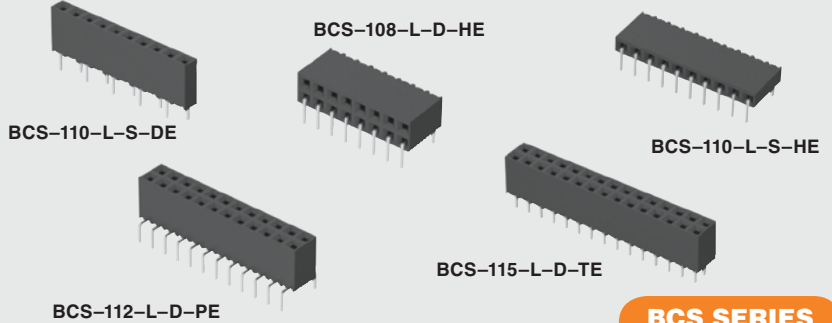




(2.54 mm) .100"



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 μm (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

Yes

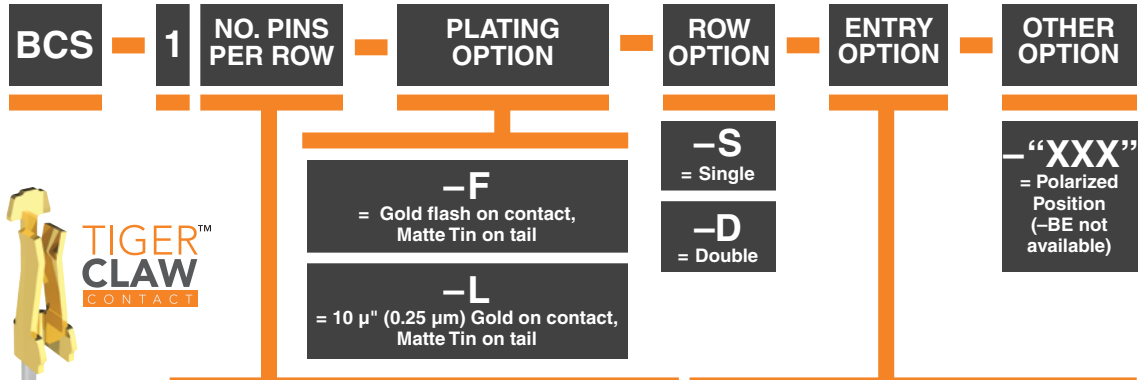
## RECOGNITIONS

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



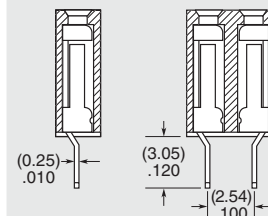
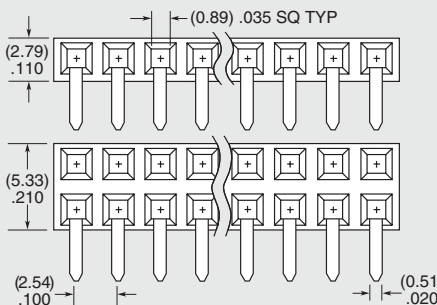
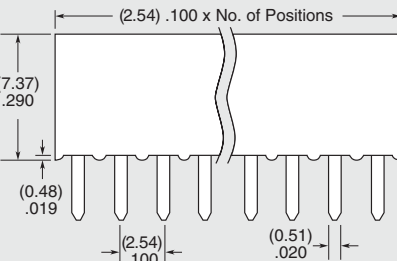
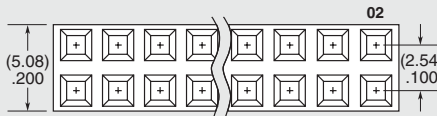
## ALSO AVAILABLE (MOQ Required)

- Other platings

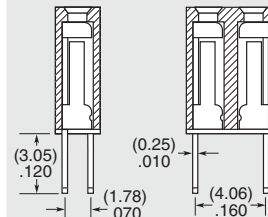


TIGER CLAW CONTACT

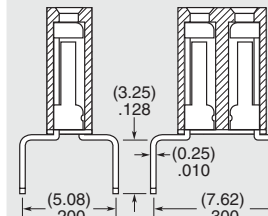
## 01 thru 50



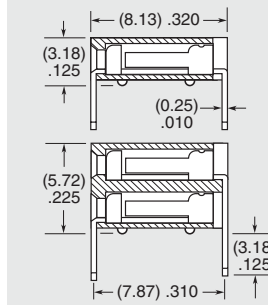
**-TE**  
 = Top Entry



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

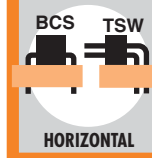


**-PE**  
 = Pass-through Entry  
 (For Bottom Entry specify -PE-BE)



**-HE**  
 = Horizontal Entry

## APPLICATIONS



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

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.

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