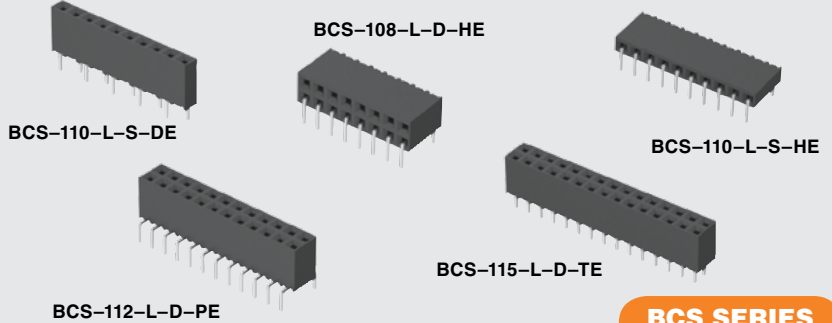




(2.54 mm) .100"



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

(1 pin powered per row)

**Voltage Rating:** 475 VAC (-TE/-DE/-PE mated with TSM)

450 VAC (-HE mated with TSW)

**Operating Temp Range:** -55 °C to +125 °C

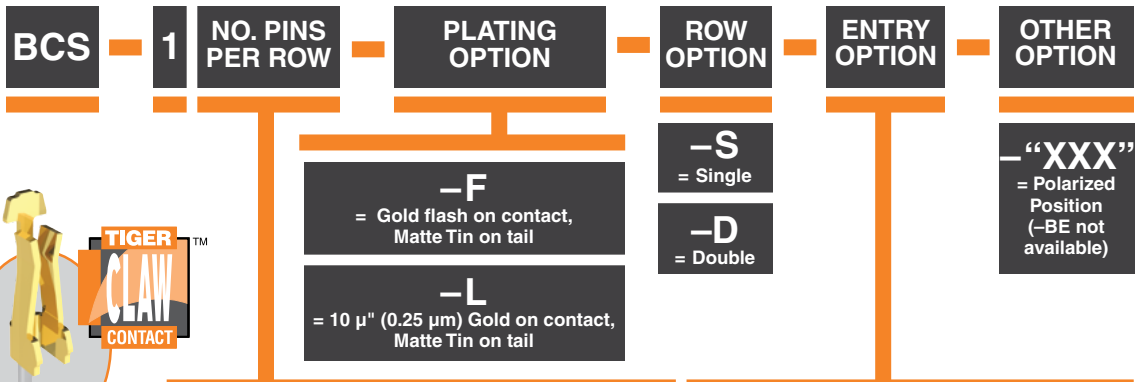
**Contact Resistance:** 10 mΩ

**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"

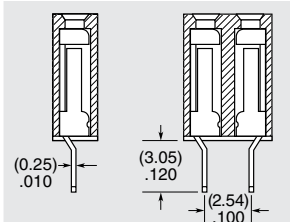
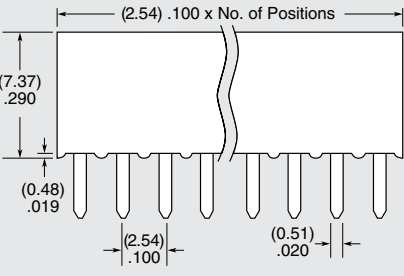
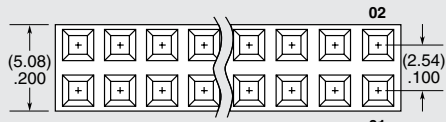
**RoHS Compliant:** Yes

**Lead-Free Solderable:** Yes

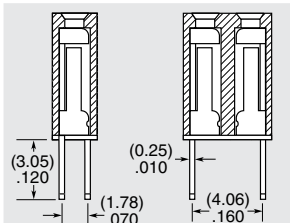
Yes



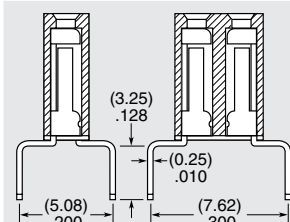
**01 thru 50**



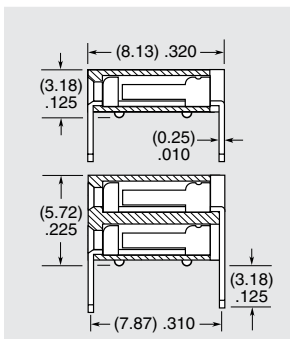
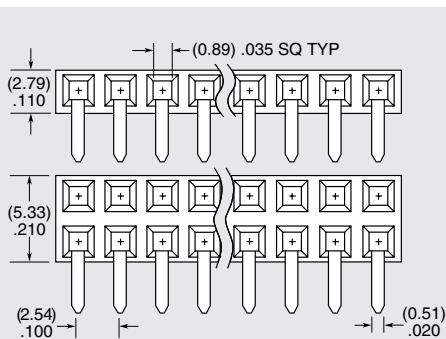
**-TE**  
= Top Entry



**-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

**RECOGNITIONS**

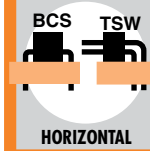
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



**ALSO AVAILABLE (MOQ Required)**

- Other platings
- Contact Samtec.

**APPLICATIONS**



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

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