

**BCS SERIES**

**(2.54 mm) .100"**

# TIGER CLAW™ PASS-THROUGH SOCKET

**Mates with:**  
 TSW, MTSW, HTSW,  
 HMTSW, TSS, ZSS,  
 DW, EW, ZW, HW, TSM,  
 MTLW, PHT

**SPECIFICATIONS**

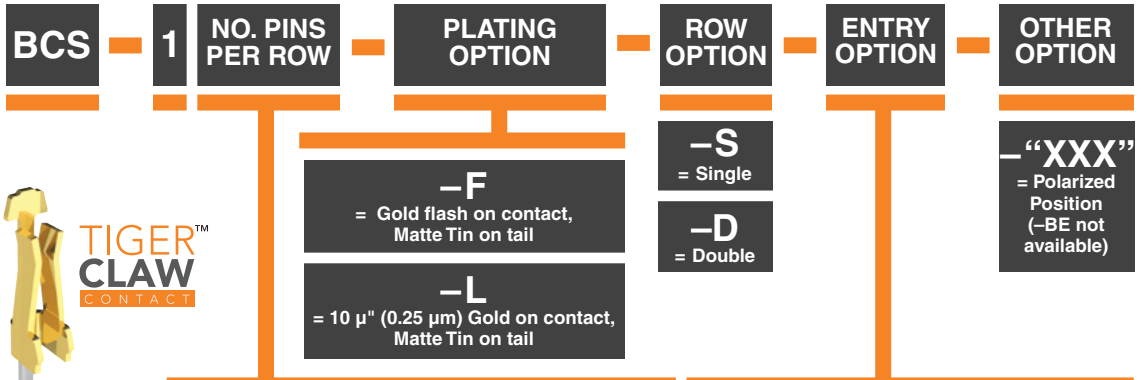
**Insulator Material:**  
 Black Liquid Crystal Polymer  
**Contact Material:**  
 Phosphor Bronze  
**Plating:**  
 Au or Sn over  
 50 µm (1.27 µm) Ni  
**Current Rating (BCS/TSW):**  
 4.6 A per pin  
 (2 pins powered)  
**Voltage Rating:**  
 475 VAC  
 (-TE/-DE/-PE mated with TSM)  
 450 VAC  
 (-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

**RECOGNITIONS**

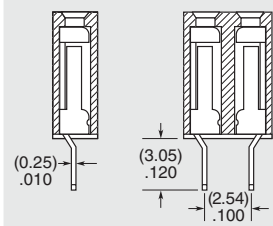
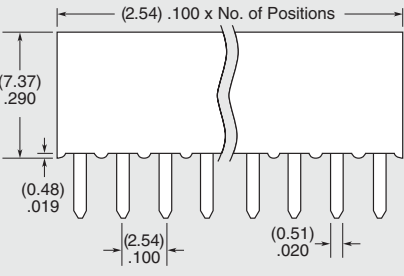
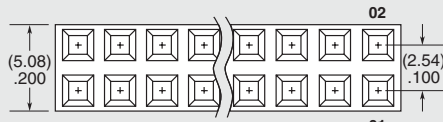


**ALSO AVAILABLE**  
 (MOQ Required)

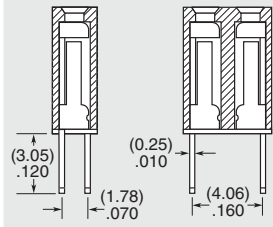
- Other platings



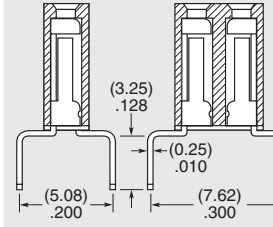
**01 thru 50**



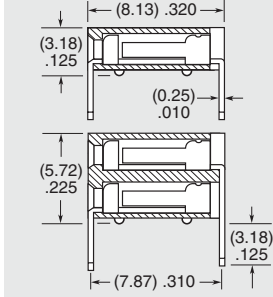
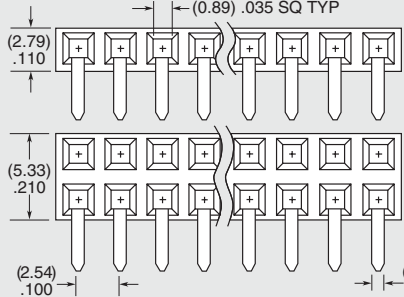
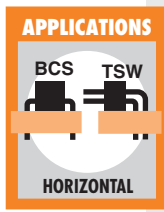
**-TE**  
 = Top Entry



**-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

**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.

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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.