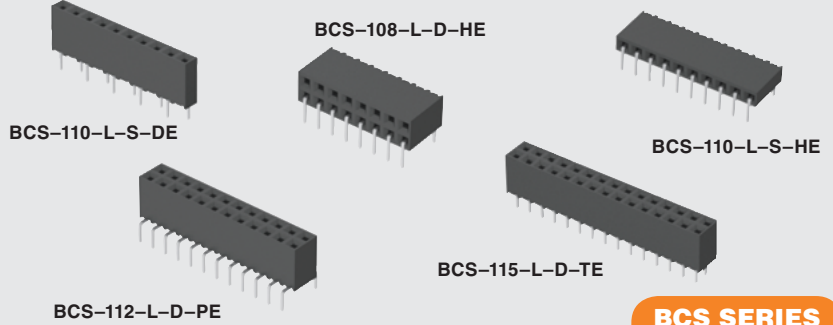




(2,54 mm) .100"



**BCS SERIES**

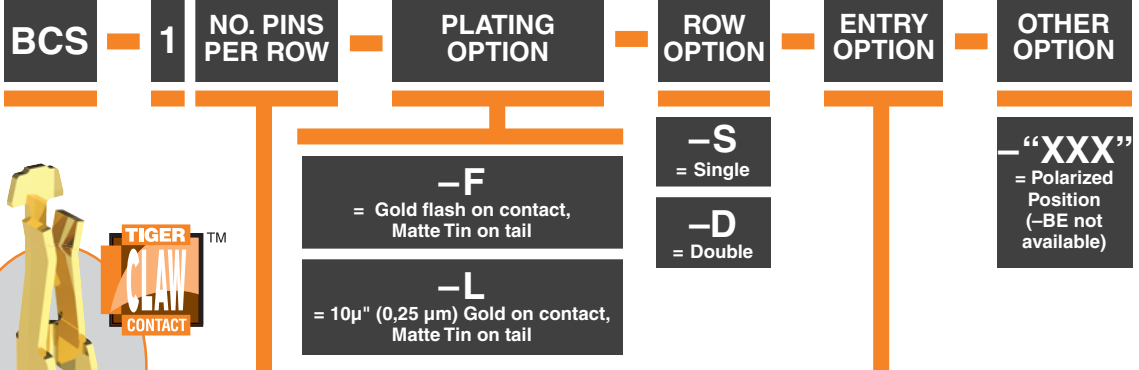
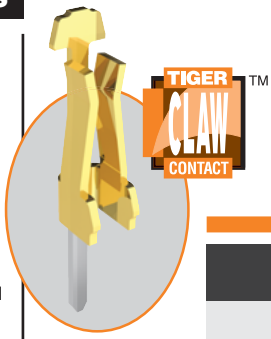
# TIGER CLAW™ PASS-THROUGH SOCKET

**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  
 50µ" (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"  
**Insertion Force:**  
 (Single contact only)  
 5 oz (1,39 N) avg.  
 (.025" (0,64 mm) SQ pin)  
**Withdrawal Force:**  
 (Single contact only)  
 3 oz (0,83 N) avg.  
 (.025" (0,64 mm) SQ pin)  
**RoHS Compliant:**  
 Yes  
**Lead-Free Solderable:**  
 Yes



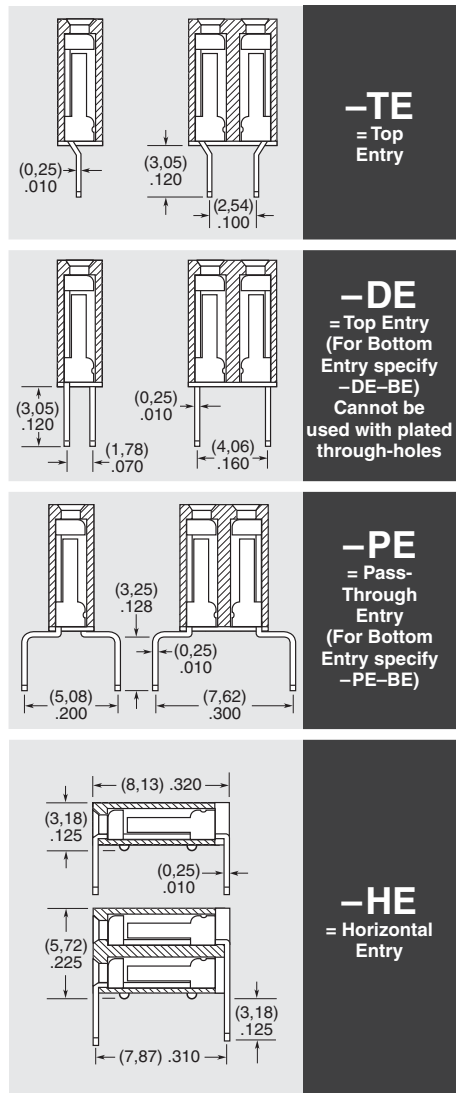
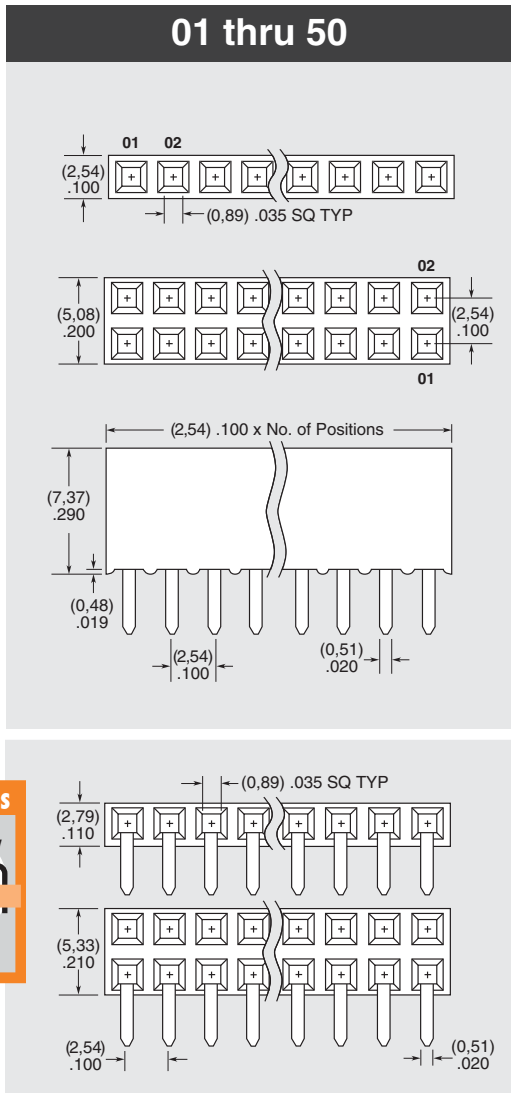
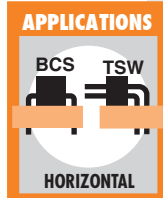
## RECOGNITIONS

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



## ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.



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