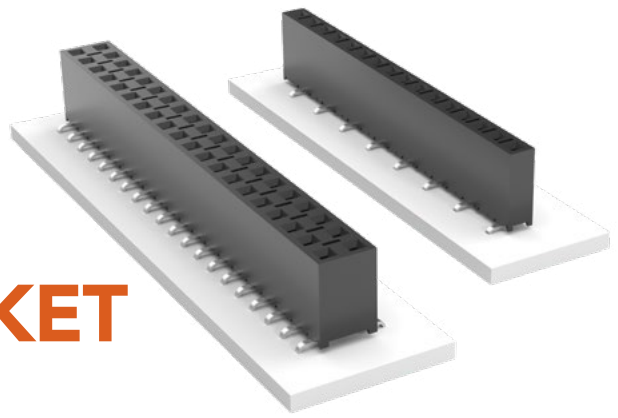


# TIGER CLAW<sup>TM</sup> PASS-THROUGH SOCKET

(2.54 mm) .100" PITCH • BCS SERIES



## BCS

### Mates:

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  $\mu$ " (1.27  $\mu$ m) 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"

## PROCESSING

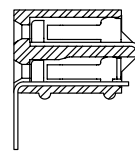
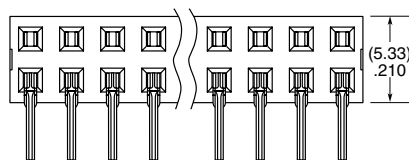
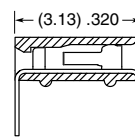
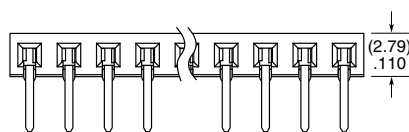
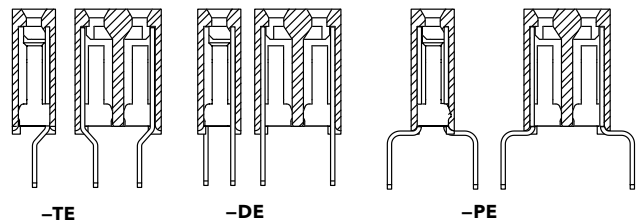
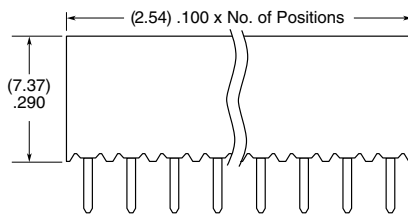
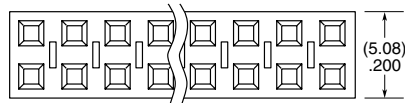
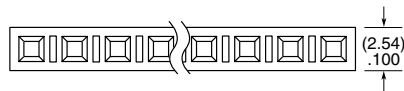
### Lead-Free Solderable:

Yes

## ALSO AVAILABLE

Other Platings  
(MOQ Required)

BCS	1	NO. PINS PER ROW	PLATING OPTION	ROW OPTION	ENTRY OPTION	OTHER OPTION
		01 thru 50	-F = Gold flash on contact, Matte Tin on tail	-S = Single  -D = Double	-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	- "XXX" = Polarized Position (-BE not available)



### Note:

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