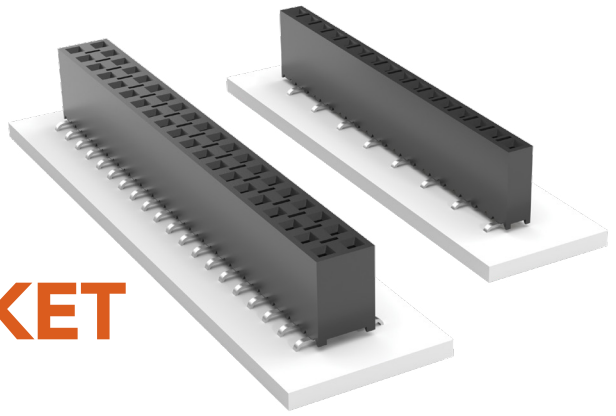


# TIGER CLAW™ PASS-THROUGH SOCKET

(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 μ" (1.27 μm) Ni

### Voltage Rating:

495 VAC/700 VDC

(-TE/-DE/-PE mated with TSM)

450 VAC/636 VDC

(-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

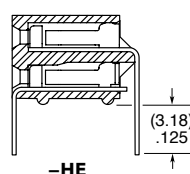
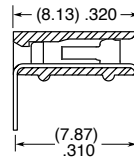
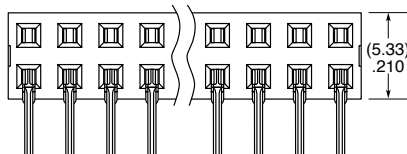
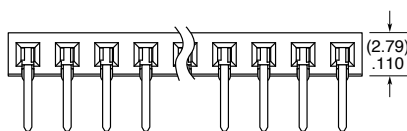
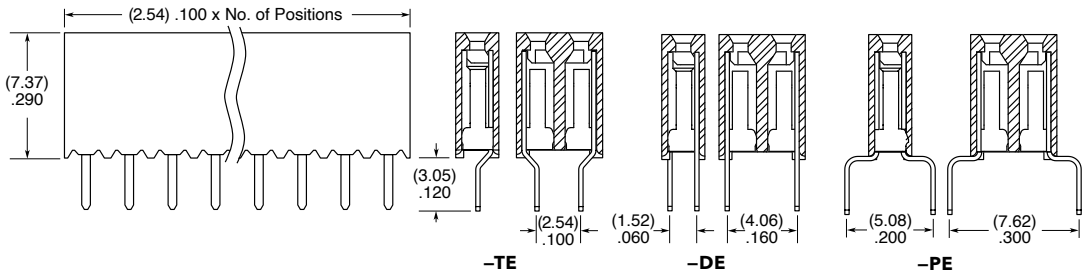
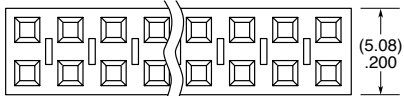
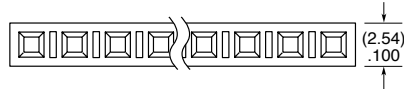
MATES	CURRENT RATING (PER PIN)
BCS/TSW	4.6 A
BCS/TSM	5.0 A

2 POSITIONS POWERED

**ALSO AVAILABLE**  
Contact Samtec

Other Platings

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  -L = 10 μ" (0.25 μm) Gold 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.