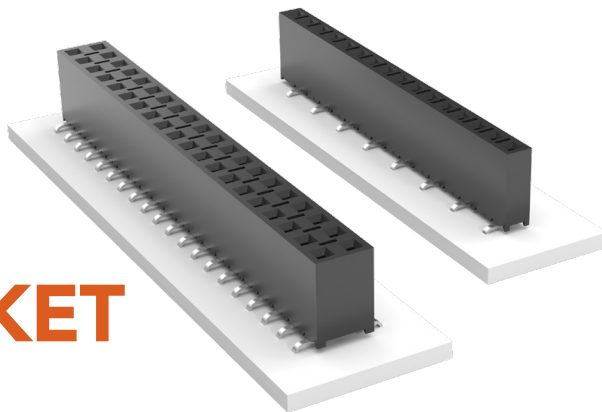


# TIGER CLAW<sup>™</sup> PASS-THROUGH SOCKET

(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 μ" (1.27 μm) Ni

### Operating Temp Range:

-55 °C to +125 °C

### Voltage Rating:

495 VAC/700 VDC

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

450 VAC/636 VDC

(-HE mated with TSW)

### 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<br>(PER PIN) |
|---------|-----------------------------|
| BCS/TSW | 4.6 A                       |
| BCS/TSM | 5.0 A                       |

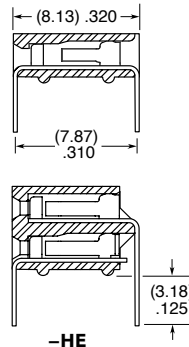
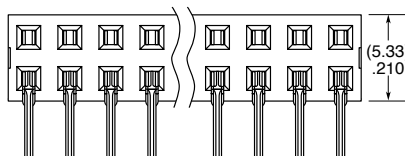
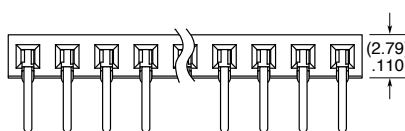
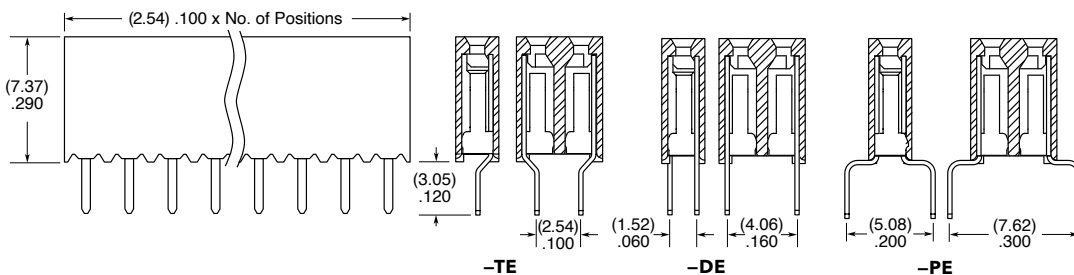
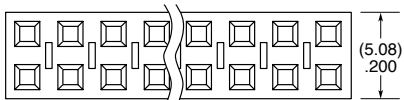
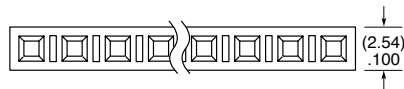
2 POSITIONS POWERED

## ALSO AVAILABLE

Contact Samtec

Other Platings

| BCS | 1 | NO. PINS<br>PER ROW | PLATING<br>OPTION                                      | ROW<br>OPTION                        | ENTRY<br>OPTION                                                                                                                                                                                                                                 | OTHER<br>OPTION                                       |
|-----|---|---------------------|--------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
|     |   | 01 thru 50          | -F<br>= Gold flash<br>on contact,<br>Matte Tin on tail | -S<br>= Single<br><br>-D<br>= Double | -TE<br>= Top Entry<br><br>-DE<br>= Top Entry<br>(For Bottom Entry<br>specify -DE-BE)<br>Cannot be used with<br>plated through-holes<br><br>-PE<br>= Pass-through Entry<br>(For Bottom Entry<br>specify -PE-BE)<br><br>-HE<br>= Horizontal Entry | -"XXX"<br>= Polarized Position<br>(-BE not available) |



## Note:

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