

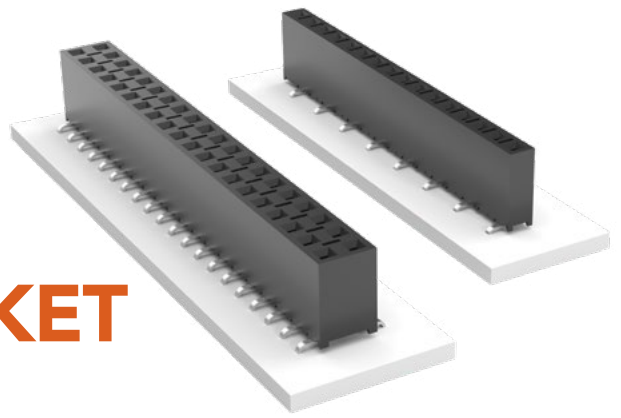


**THE DATASHEET OF  
BCS-109-L-D-TE**



# 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  
(-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

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

**2 POSITIONS POWERED**

**ALSO AVAILABLE**  
MOQ Required

Other Platings

BCS	1	NO. PINS PER ROW	PLATING OPTION	ROW OPTION	ENTRY OPTION	OTHER OPTION
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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

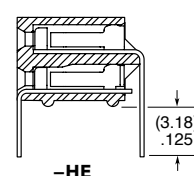
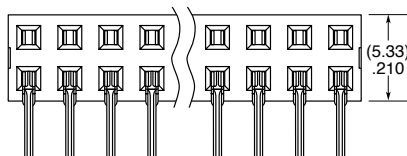
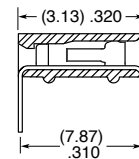
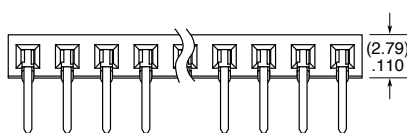
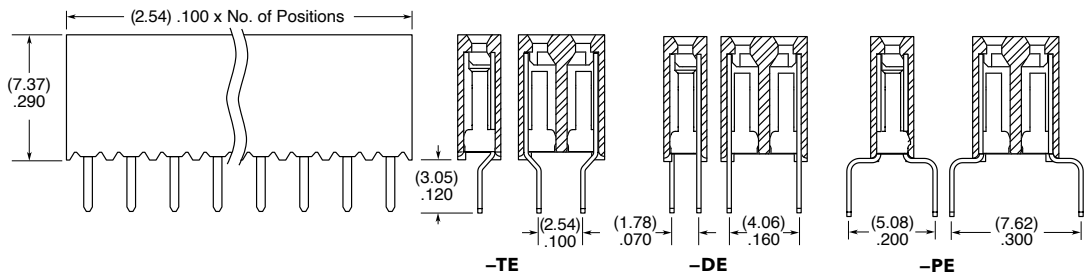
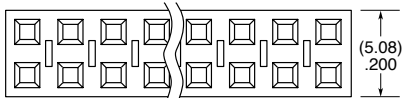
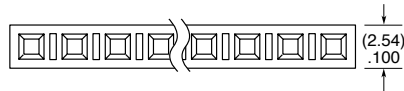
**-TE**  
= Top Entry

**-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.

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View BCS-109-L-D-TE on WIN SOURCE](#)

 [Samtec Inc. Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management