

# TIGER CLAW™ PASS-THROUGH SOCKET

(2.54 mm) .100" PITCH • BCS SERIES



#### Mates:

TSW, MTSW, HTSW, HMTSW, TSS, ZSS, DW, EW, ZW, HW, TSM, MTLW, PHT

#### **SPECIFICATIONS**

Insulator Material:

Black Liquid Crystal Polymer
Contact Material: 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)

(-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:

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

## **2 POSITIONS POWERED**

**ALSO AVAILABLE** 

Other Platings

# NO. PINS PER ROW

01 thru 50

**PLATING OPTION** 

Gold flash on contact, Matte Tin on tail

= 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail

.100

(5.08)

ROW **OPTION** 

> -S = Single -D

= Double

**ENTRY OPTION** 

-TE = Top Entry

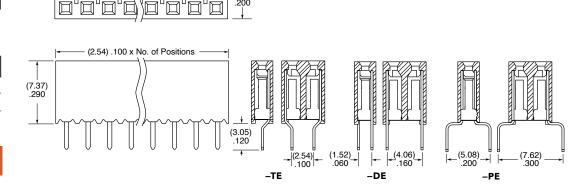
-DE = Top Entry (For Bottom Entry specify –DE–BE) Cannot be used with plated through-holes

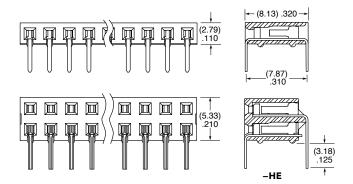
-PE = Pass-through Entry (For Bottom Entry specify –PE–BE)

-HE = Horizontal Entry

-"XXX" Polarized Position (-BE not available)

**OPTION** 





#### Note:

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