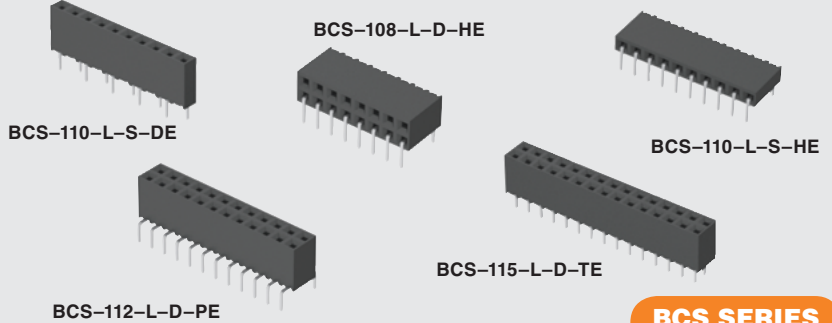




(2,54 mm) .100"



BCS SERIES

TIGER CLAW™ PASS-THROUGH SOCKET

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

SPECIFICATIONS

For complete specifications see www.samtec.com?BCS

Insulator Material: Black Liquid Crystal Polymer

Contact Material: Phosphor Bronze

Plating: Au or Sn over

50µ" (1,27 µm) Ni

Current Rating (BCS/TSW): 4.6 A per pin

(1 pin powered per row)

Voltage Rating: 475 VAC (-TE/-DE/-PE mated with TSM)

450 VAC (-HE mated with TSW)

Operating Temp Range: -55°C to +125°C

Contact Resistance: 10 mΩ

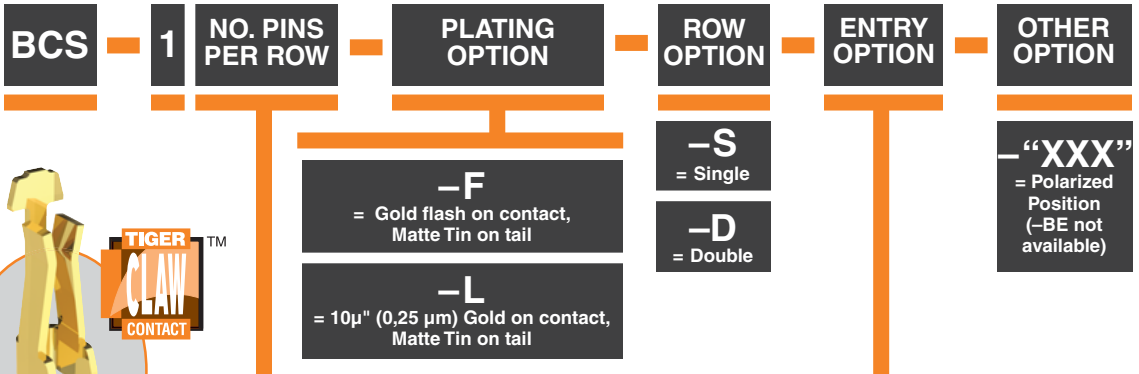
Insertion Depth: (4,34 mm) .171" to (7,24 mm) .285" from top, (5,64 mm) .222" plus board thickness minimum from bottom. -HE is (4,34 mm) .171" to (6,35 mm) .250"

Insertion Force: (Single contact only) 5 oz (1,39 N) avg. (.025" (0,64 mm) SQ pin)

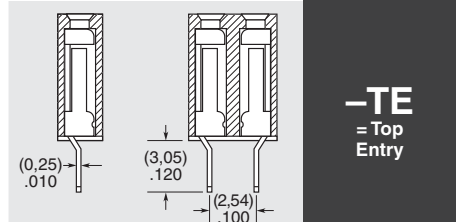
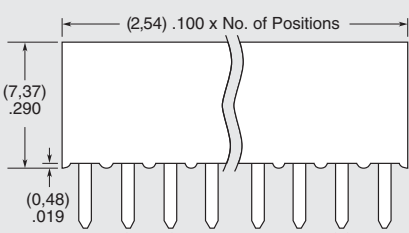
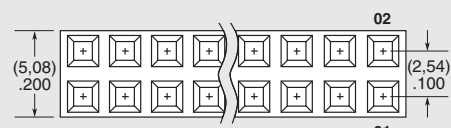
Withdrawal Force: (Single contact only) 3 oz (0,83 N) avg. (.025" (0,64 mm) SQ pin)

RoHS Compliant: Yes

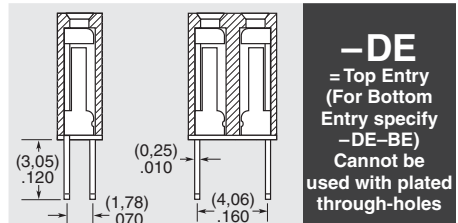
Lead-Free Solderable: Yes



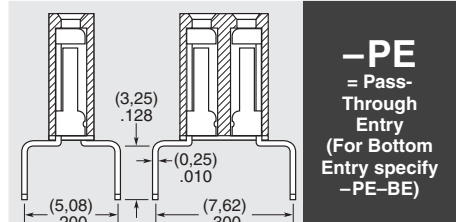
01 thru 50



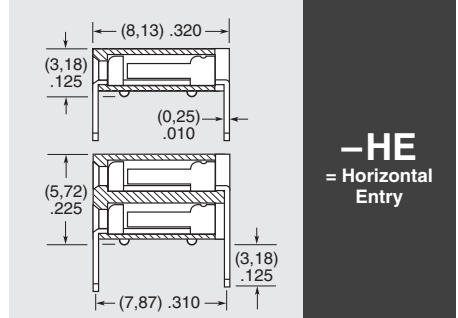
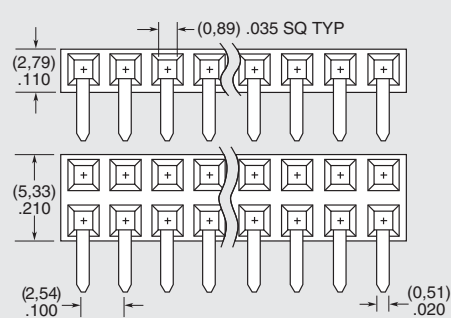
-TE
= Top Entry



-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

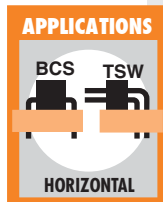
RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.



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

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