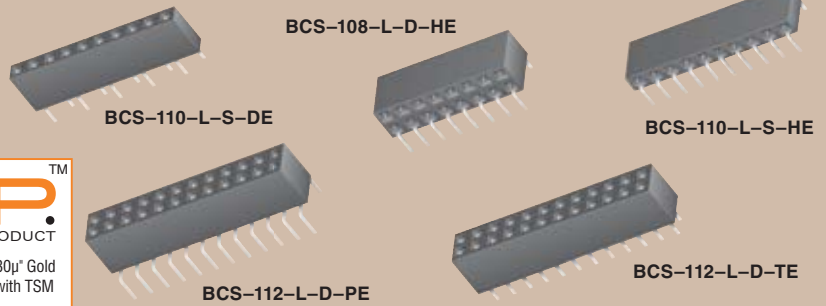




(2,54 mm) .100"

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

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.

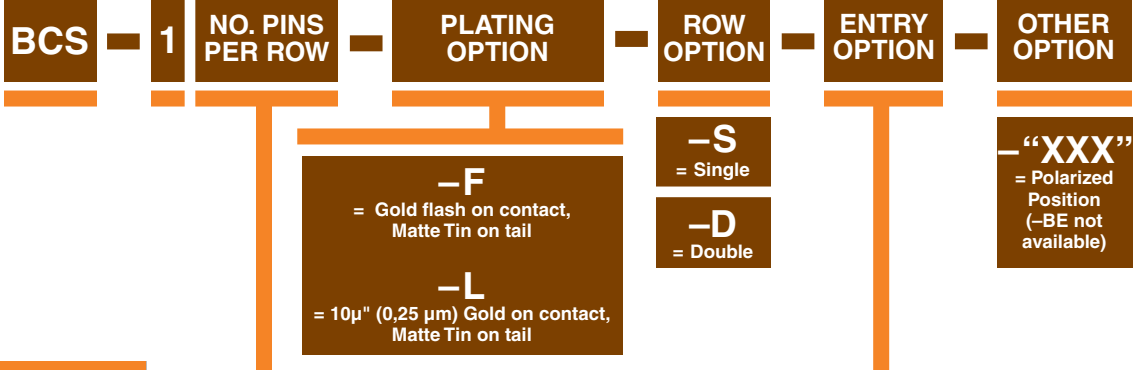
(.025" (0,64 mm) SQ pin)

RoHS Compliant:

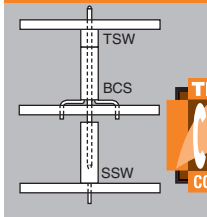
Yes

Lead-Free Solderable:

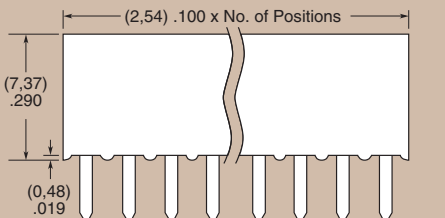
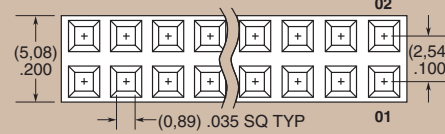
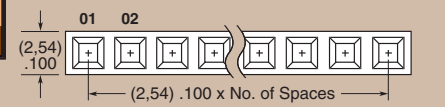
Yes



APPLICATION



01 thru 50

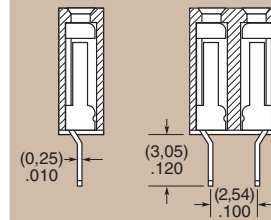
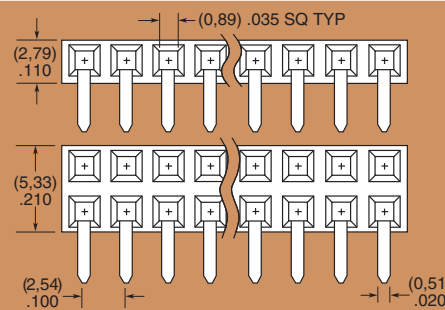
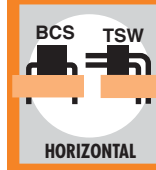


CURRENT RATING (PER CONTACT)	
AMBIENT TEMP	BCS mated with TSW
20°C	5.9A
40°C	5.2A
60°C	4.7A
95°C	3A
6 POSITIONS (2x3) POWERED	

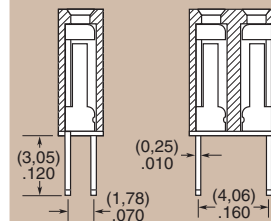
Note: Other Gold plating options available. Contact Samtec.

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

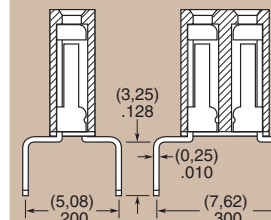
APPLICATIONS



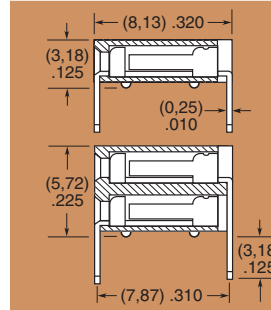
-TE
= Top Entry



-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

Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM