



(2,54 mm) .100"

BCS-110-L-S-DE

BCS-108-L-D-HE

BCS-110-L-S-HE

BCS-112-L-D-PE

BCS-115-L-D-TE

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

RECOGNITIONS

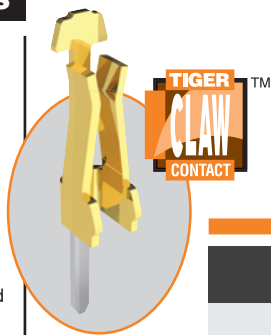
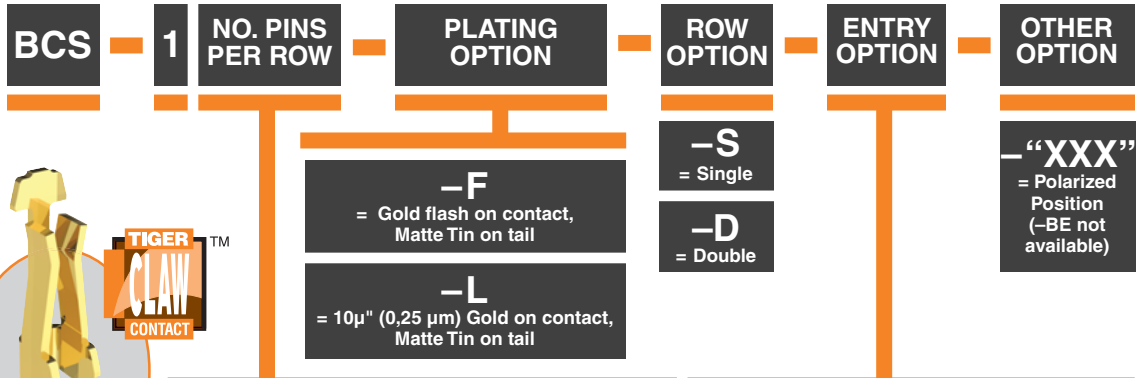
For complete scope
of recognitions see
www.samtec.com/quality



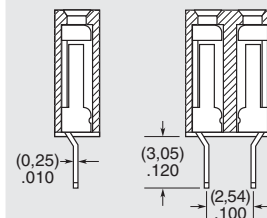
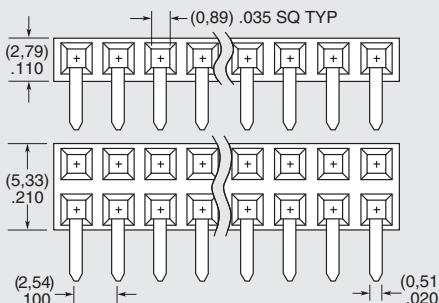
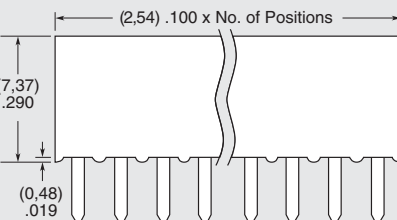
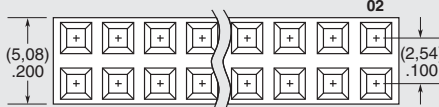
ALSO AVAILABLE (MOQ Required)

- Other platings
Contact Samtec.

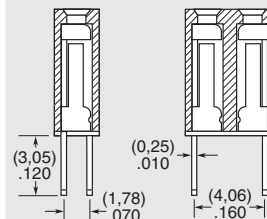
Note: Some lengths, styles
and options are non-standard,
non-returnable.



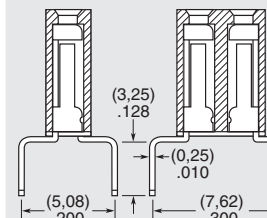
01 thru 50



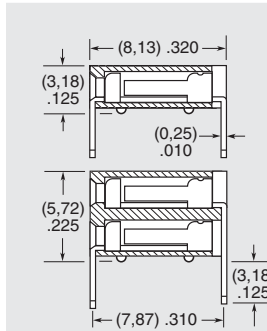
—TE
= Top
Entry



—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

APPLICATIONS

