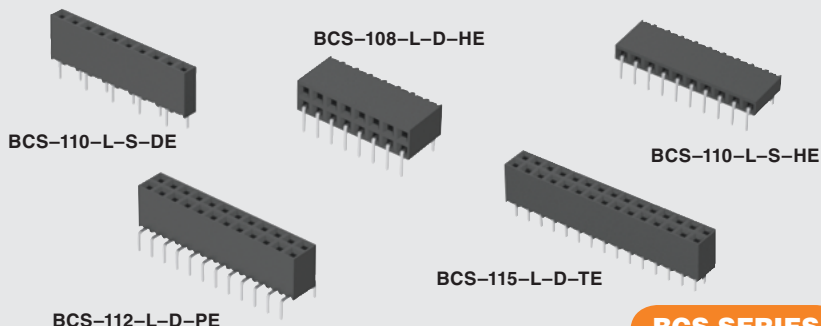




BCS SERIES

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

For complete specifications
see www.samtec.com?BCS

Insulator Material:
Black Liquid Crystal Polymer
Contact Material:
Phosphor Bronze
Plating:

Current Bating (BCS/TSW):

Current Rating (BCS/ISW):
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

(3,64 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.

RoHS Compliant:
Yes

Lead-Free Solderable:
Yes

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



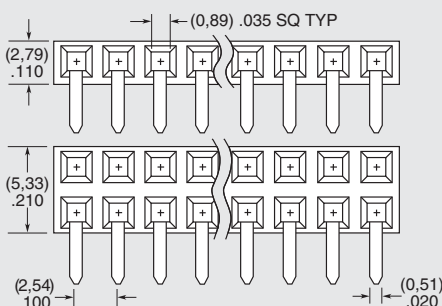
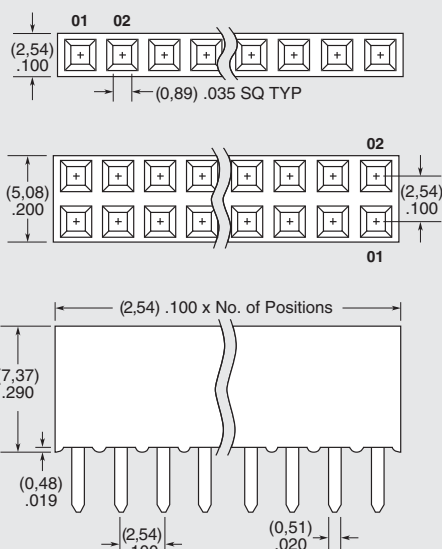
- Other platings

Contact Samtec.

HORIZONTAL

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