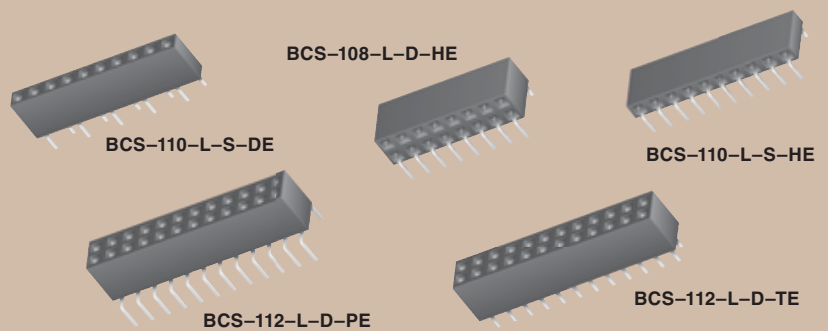




BOX CONNECTOR STRIPS BCS SERIES

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" (1,27μm) Ni

Current Rating:

3A @ 80°C ambient

(-TE/-DE/-PE mated with TSM)

4A @ 80°C ambient

(-HE mated with TSW-D)

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 max

Insertion Depth:

(4,34mm) .171" to

(7,24mm) .285" from top,

(5,64mm) .222" plus board

thickness minimum

from bottom. -HE is

(4,34mm) .171" to

(6,35mm) .250"

Insertion Force:

(Single contact only) 5oz

(1,39N) avg. (.025"

(0,64mm) SQ pin)

Withdrawal Force:

(Single contact only) 3oz

(0,83N) avg. (.025"

(0,64mm) SQ pin)

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds, or

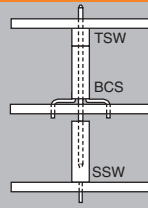
260°C for 20 seconds 3x

Lead-Free Solderable:

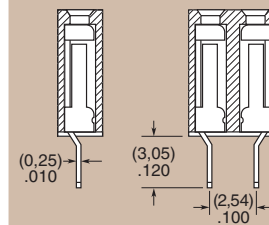
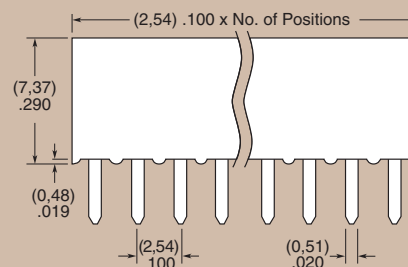
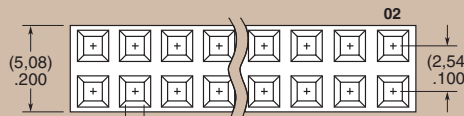
Yes

BCS	1	NO. PINS PER ROW	PLATING OPTION	ROW OPTION	ENTRY OPTION	OTHER OPTION
			-L = 10μ" (0,25μm) Gold on contact, Matte Tin on tail	-S = Single -D = Double		-“XXX” = Polarized Position (-BE not available)

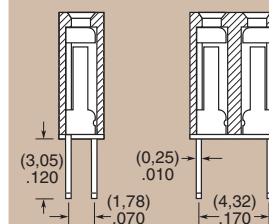
APPLICATION



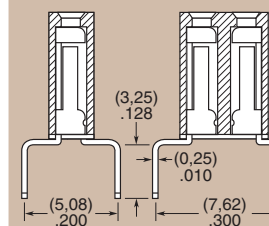
01 thru 50



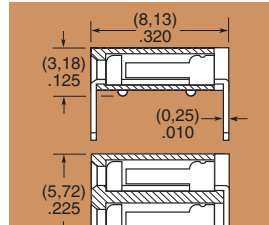
-TE
= Top
Entry



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

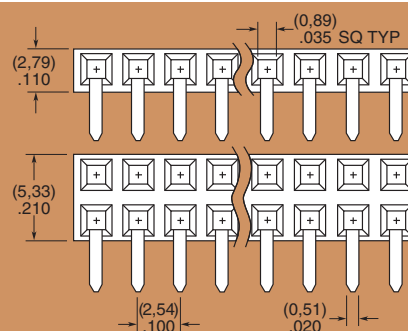
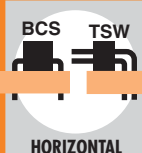


-PE
= Pass
Through
Entry
(For Bottom
Entry specify
-PE-BE)



-HE
= Horizontal
Entry

APPLICATIONS



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

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

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