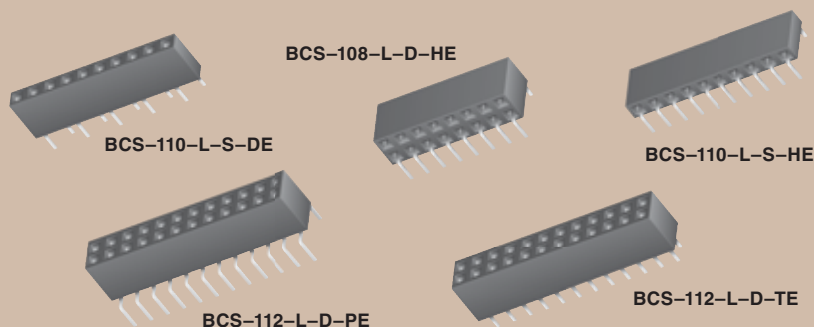


(2,54mm) .100"

BCS SERIES



STANDARD BOX CONTACT SOCKET

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

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

CURRENT RATING	
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	

Processing:

Max Processing Temp:

230°C for 60 seconds, or

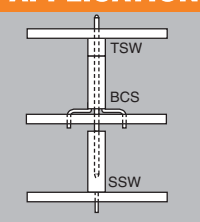
260°C for 20 seconds 3x

Lead-Free Solderable:

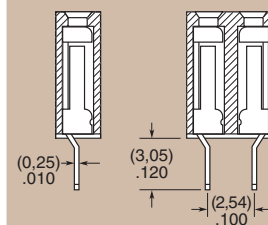
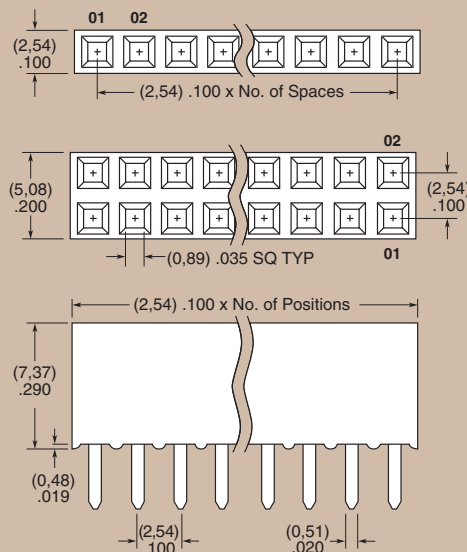
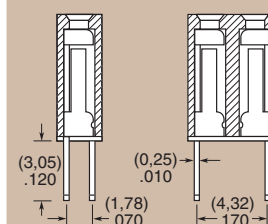
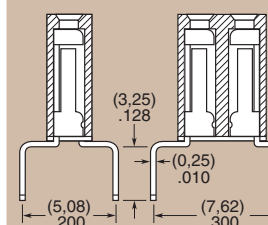
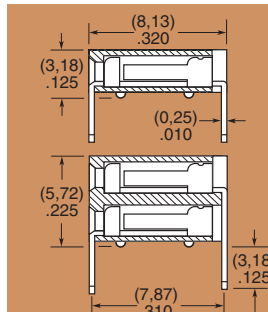
Yes

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)

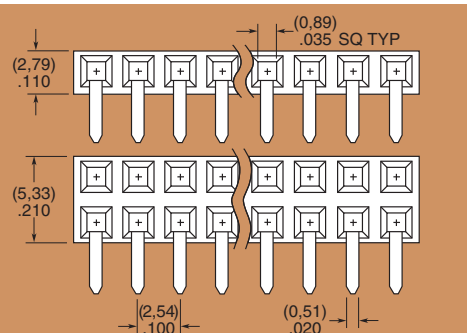
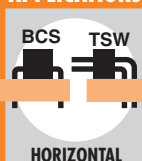
APPLICATION



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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