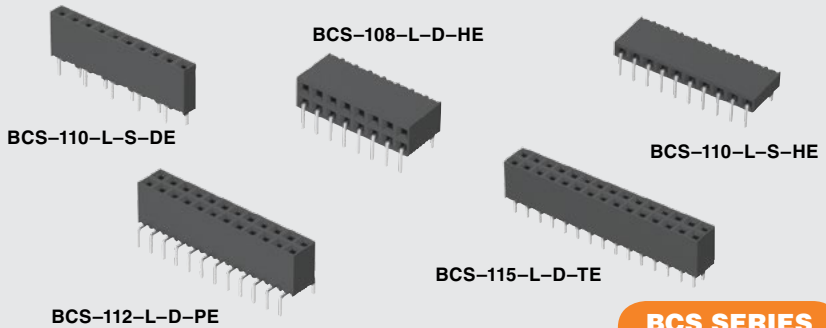
samtec

10 YEAR MFG WITH 30 µ" GOLD
EXTENDED LIFE PRODUCT
HIGH MATING CYCLES



(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
50 µ" (1.27 µm) Ni
Current Rating (BCS/TSW):
4.6 A per pin
(2 pins powered)
Voltage Rating:
475 VAC
(-TE/-DE/-PE mated with TSM)
450 VAC
(-HE mated with TSW)
Operating Temp Range:
-55 °C to +125 °C
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"
RoHS Compliant:
Yes
Lead–Free Solderable:
Yes

RECOGNITIONS

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

FILE NO. E111594
FILE NO: 090871_0_000

ALSO AVAILABLE (MOQ Required)

- Other platings
  Contact Samtec.

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

BCS	–	1	NO. PINS PER ROW	–	PLATING OPTION	–	ROW OPTION	–	ENTRY OPTION	–	OTHER OPTION

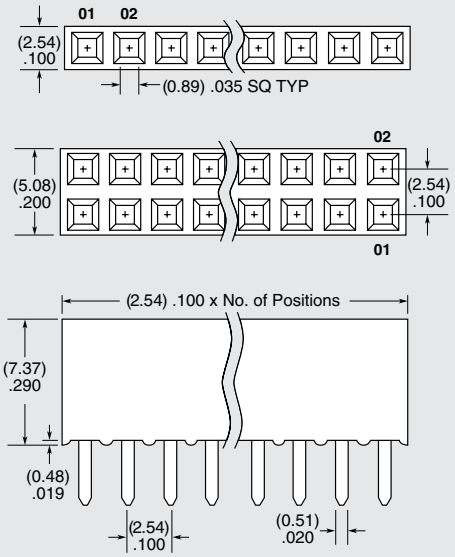
PLATING OPTION
- **–F** = Gold flash on contact, Matte Tin on tail
- **–L** = 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail

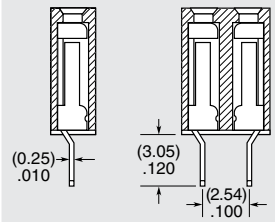
ROW OPTION
- **–S** = Single
- **–D** = Double

OTHER OPTION
- **–"XXX"** = Polarized Position (–BE not available)

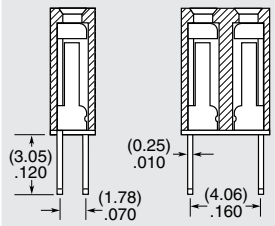


01 thru 50

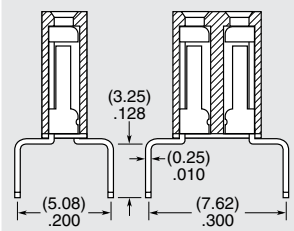




–TE = Top Entry

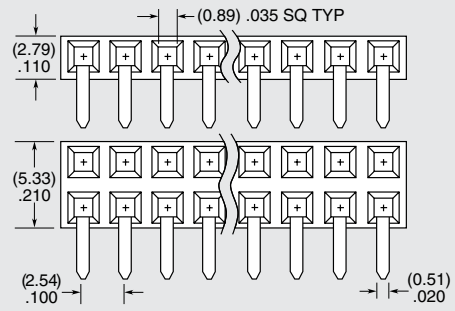


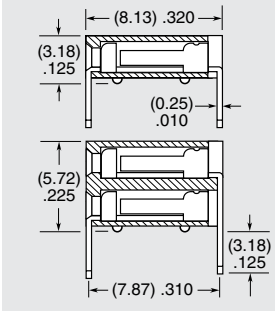
–DE = Top Entry (For Bottom Entry specify –DE–BE) Cannot be used with plated through-holes



–PE = Pass-through Entry (For Bottom Entry specify –PE–BE)

APPLICATIONS
BCS TSW
HORIZONTAL





–HE = Horizontal Entry