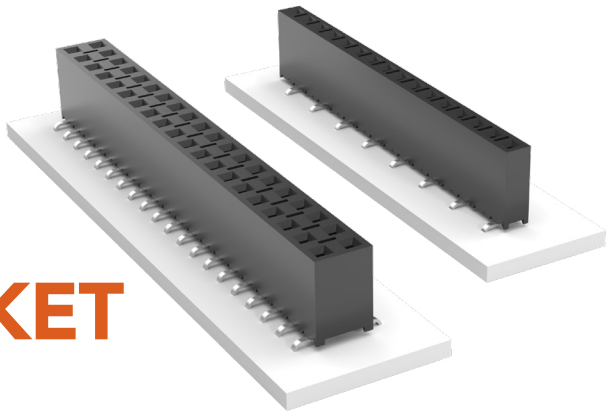
TIGER™ CLAW CONTACT

TIGER CLAW™ PASS-THROUGH SOCKET



(2.54 mm) .100" PITCH • BCS SERIES

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

SPECIFICATIONS

Insulator Material:
Black Liquid Crystal Polymer
Contact Material:
Phosphor Bronze
Plating:
Au or Sn over
50 µ" (1.27 µm) Ni
Voltage Rating:
495 VAC/700 VDC
(-TE/-DE/-PE mated with TSM)
450 VAC/636 VDC
(-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"

PROCESSING

Lead–Free Solderable:
Yes

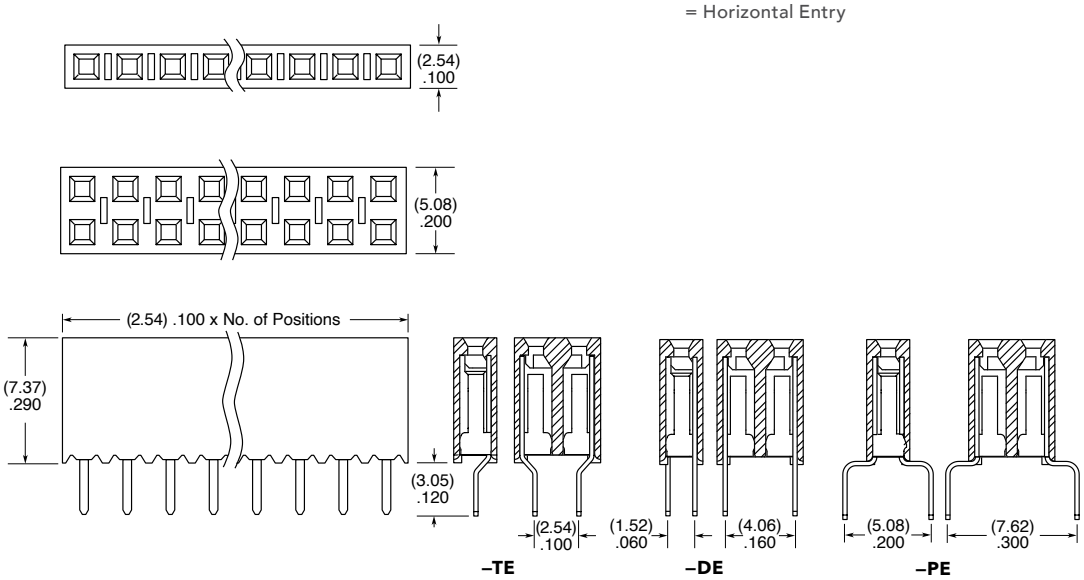
MATES	CURRENT RATING (PER PIN)
BCS/TSW	4.6 A
BCS/TSM	5.0 A

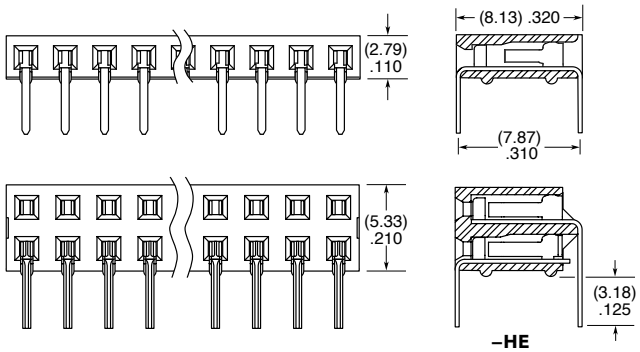
2 POSITIONS POWERED

ALSO AVAILABLE
Contact Samtec

Other Platings

BCS	–	1	NO. PINS PER ROW	–	PLATING OPTION	–	ROW OPTION	–	ENTRY OPTION	–	OTHER OPTION
			01 thru 50		–F = Gold flash on contact, Matte Tin on tail –L = 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail		–S = Single –D = Double		–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		–"XXX" = Polarized Position (–BE not available)





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

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.