

Mates with: SS, SD, HSS, SL, SDL, ESS, ESD

FEATURES

- Low-profile design achieves (3.89 mm) .153" board spacings when mated with SL Series.
- Approach the reliability of a permanent connection with the flexibility of a separable connection.

SPECIFICATIONS

For complete specifications see www.samtec.com?BBS, www.samtec.com?BBL, www.samtec.com?BHS www.samtec.com?BDD www.samtec.com?BDL

 $\label{eq:spectral} \begin{array}{l} \textbf{Insulator Material:}\\ Black Liquid Crystal Polymer (BBL, BHS)\\ Black Glass Filled Polyester (BBS, BBD, BDL)\\ Temperature Range:\\ -55 °C to +125 °C\\ Terminal Material:\\ Phosphor Bronze or Brass\\ \textbf{Plating:}\\ Au or Sn over\\ 50 \mu'' (1.27 \ \mum) Ni\\ \textbf{Lead-Free Solderable:}\\ Yes (BBL, BDL, BHS-S)\\ No, Lead Wave only\\ (BBS, BBD, BHS-N)\\ \end{array}$

RECOGNITIONS

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



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

TYPE NO. PINS PLATING LEAD 1 STRIP PER ROW STYLE OPTION -G (2.54) .100 x No. of Positions BBS = 20 μ" (0.51 μm) (2.54) ۵ (@) ര്ത് Gold = Standard Single Row ←(2.54) .100 TYF (1.27) -Т BBL <u></u> (2.54 = Low-Profile Single Row = Tin 100 T J BBL body available with Styles -E & -F only. BHS BBS = High Temp Single Row BHS BBL (2.54) .100 x No. of Positions 01 thru 32 [0, 0, 0, 0] $\tilde{0}$ BBD (2.54) (5.08) .200 = BBS & BBL .100 ۵ = Standard Double Row (⊕) 00 \odot - (2.54) .100 TYF (1.27) ¥ 01 thru 36 = BBD, BDL & BHS (2.54) .100 BDL BDL body available with П J η = Low-Profile Double Row Styles - E & - F only. BDL BBD –B -C -E _F _Α Z = (5.33 mm) .210" Z = (8.51 mm) .335" Z = (14.86 mm) .585" Z = (1.78 mm) .070" Z = (2.16 mm) .085" (0.46) .018 DIA (0.46) .018 DIA (3.18) Style E: (2.67) .105 (3.18) .125 z (1.78)♦ 070 DIA (3.18) .125 (1.27) .050 (0.46) .018 -DIA ¥ Z (1.78) BBL ⊢ ↑ .070 DIA Series (1 27) (3.18) .125 .050 DIA (0.46)z BBD .018 DIA Series **BBS and BHS** Series

BDL

Series

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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.