



NEW : **USLS Series**

USLS Series 0.4mm Pitch I.D.C. Connector for Micro Coaxial Cable (#42 AWG) Stacking type



The USLS Series provides a standard-connection variation of our USL Series of I.D.C. connectors for 0.4mm pitch, ultra-fine coaxial cables (#42 AWG). As mounting configurations become ever-more dense in mobile phones and other similar devices, it is becoming increasingly difficult to mount board-side connectors. In response, we have developed the connectors of the USLS Series with an effective coupled length of just 0.35 mm, and a low-profile stacking height of 1.65mm. Furthermore, our USLS connectors have been designed to perform favorably in terms of twisting, which is often a problem in stack-mounted configurations. Convenient coupling enhances efficiency during stack mounting, and in addition, variations with 20, 30, and 40 contacts have been made available. The most distinguishing characteristic of this series is its lead-free design, featuring batch assembly and no soldering. Stack-type variations provide support for the combination of straight and right-angle connectors. Furthermore, these connectors are also ideal for applications where cables are passed through hinges (from 4.0 mm in diameter) post-assembly in mobile phones and the like.

Features :

- Designed for micro coaxial(#42 AWG)
- Ultra low profile 1.65mm(0.065") with 0.4mm pitch
- Mating dimension : 3.05mm(0.120")
- 3.05mm width Plug (Cable side) allows inserting the cables through narrow hinge shafts
- Three sizes : 20, 30 and 40 pins
- Better grounding performance for enhanced data-transmission characteristics.
- Effective coupled length of 0.35 mm.
- Nickel barrier provided on board-side contacts in order to prevent lifting during soldering.
- RoHS compliance

For more information, contact us to : bce@bce.it ; or browse into our website : www.bce.it

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