



XSL Series 0.25mm pitch connector for micro coaxial cable

XSL series have a pitch of 0.25mm, the smallest in the industry, and are designed for #44 AWG and 46 AWG micro coaxial cables. Highly reliable design with effective contact displacement of 0.51mm.

XSL series are designed to not reduce the superb data transmission performance of coaxial cables at connection points. The bottom shell of the cable-side connector are the entire shell of the board-side connector are plated with gold for positive contact while multiple ground terminals are provided for enhanced data transmission and EMI protection.



Features

- Ultra fine pitch 0.25mm.
- Ultra low profile 1mm.
- For micro coaxial cable. (#44 AWG, #46 AWG)
- Signal terminals are soldered by Pulse Heat in one shot and keep a stable & highly reliable connection.
- Multiple ground terminals for enhanced data transmission and EMI protection.
- Highly reliable design with effective contact displacement of 0.51mm.
- The bottom shell of the cable side connector and the entire shell of the board side connector are plated with gold for positive contact.
- Can be automatic or manually placed.
- RoHS compliance.

Specifications

Insulator material	Glass-filled LCP (UL94V-0), Black
Contact material	Copper alloy
Contact plating	Gold over Nickel
shell material	Copper alloy (Plug, Base for Receptacle)
Shell plating	Gold over Nickel (Plug, Base for Receptacle)
Shell2 material	Nickel silver (Cover for Plug)
Current rating	0.25A per contact
Contact resistance	100mΩ max.
Dielectric withstanding voltage	90V AC for 1 minute
Insulation resistance	50MΩ min. at 100V DC
Operating temperature	- 40°C to + 85°C



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

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