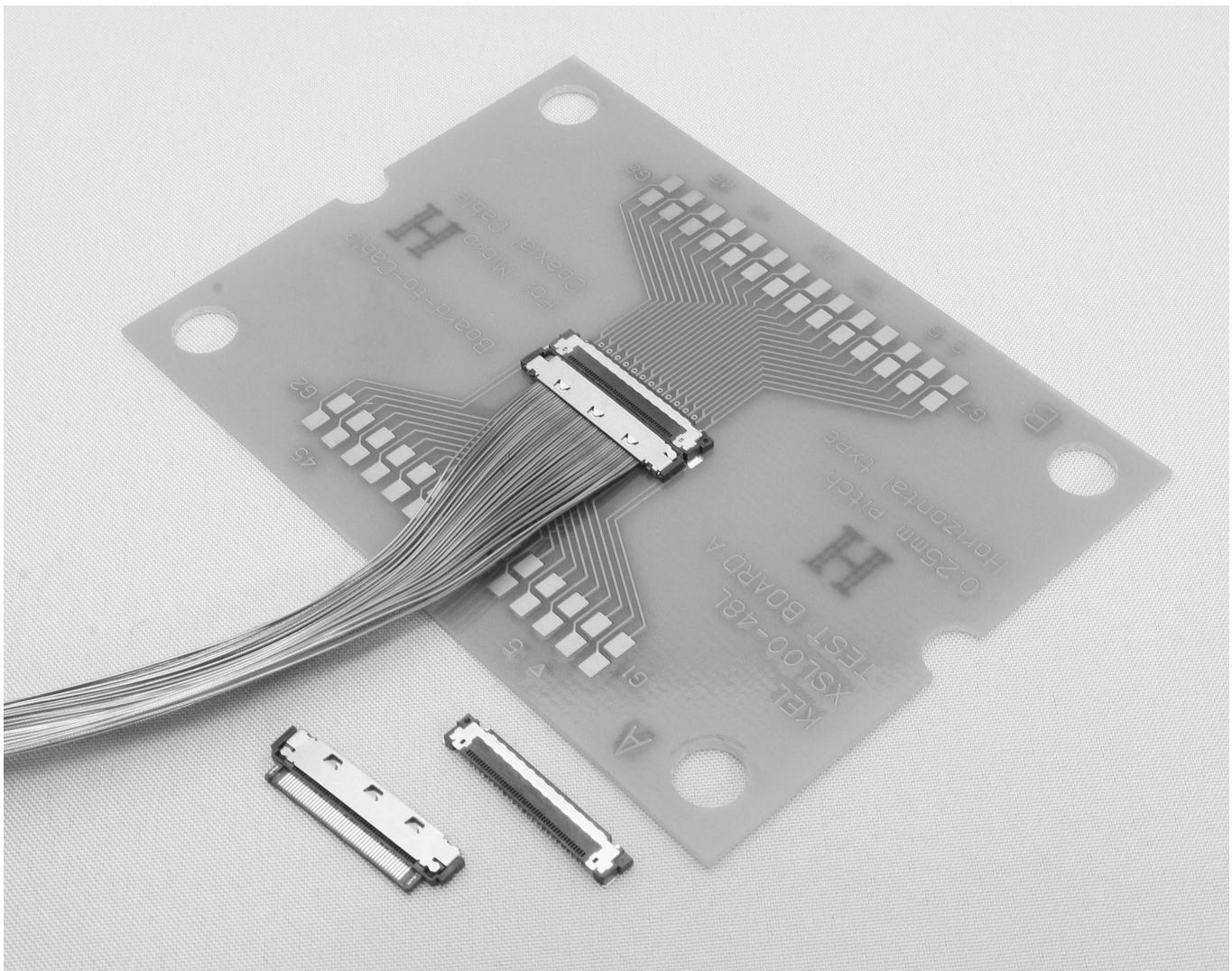


**Ultra Fine Pitch (0.25mm), Ultra Low Profile (1mm)
Connector for Micro Coaxial Cable (#44 AWG / #46 AWG)**

XSL SERIES



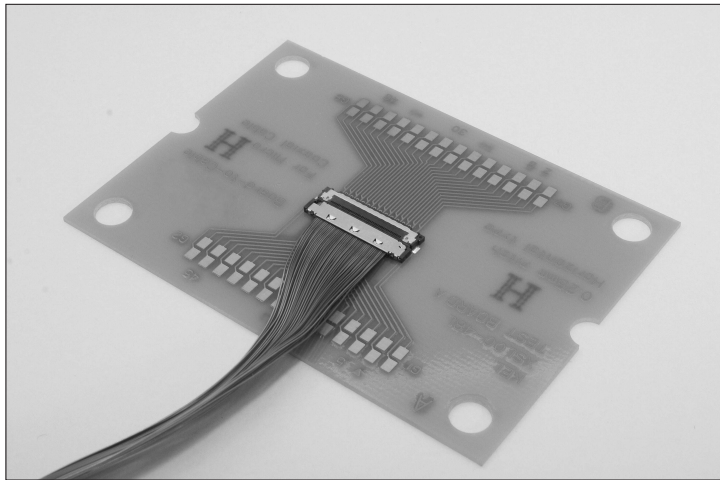
Distributed by:

B.C.E. S.r.l.

Via Regina Pacis, 54/c - I 41049 Sassuolo - (MO)

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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.
(Except for the cable resistance) |
| ● Dielectric withstanding voltage | : 90V AC for 1 minute |
| ● Insulation resistance | : 50MΩ min. at 100V DC |
| ● Operating temperature | : -40°C to +85°C |

ORDER CODE

XSL00-48L

- Number of packaging
A : 500pcs. per reel
B : 1000pcs. per reel
C : 3000pcs. per reel
- Contact tail style
L : Right angle (SMT)
- Number of contacts
48 : 48 pin
- Type
00 : Receptacle (PCB side connector)
- Series name
XSL : 0.25mm pitch connector for micro coaxial cable
(#44 AWG / #46 AWG)

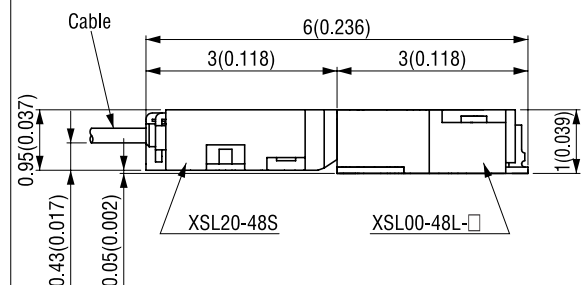
ORDER CODE

XSL20-48S

- Contact tail style
S : Straight
- Number of contacts
48 : 48 pin
- Type
20 : Plug (Cable side connector)
- Series name
XSL : 0.25mm pitch connector for micro coaxial cable
(#44 AWG / #46 AWG)

Mating Drawing

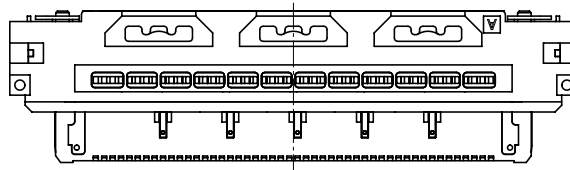
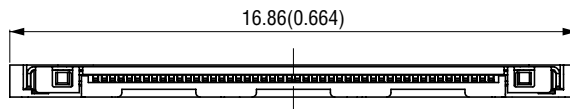
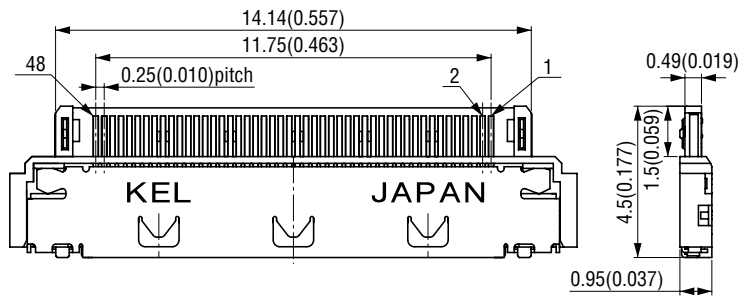
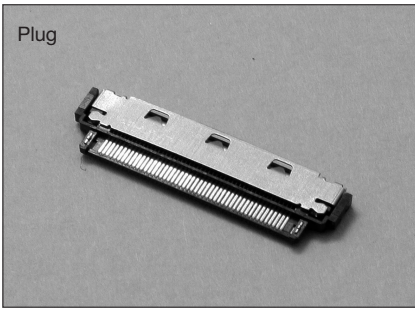
Unit:mm(inch)



XSL20-48S (Plug)

Unit:mm(inch)

Plug



Packaging style
Tray

■ Product Table

Part Number	Number of packaging
XSL20-48S	100