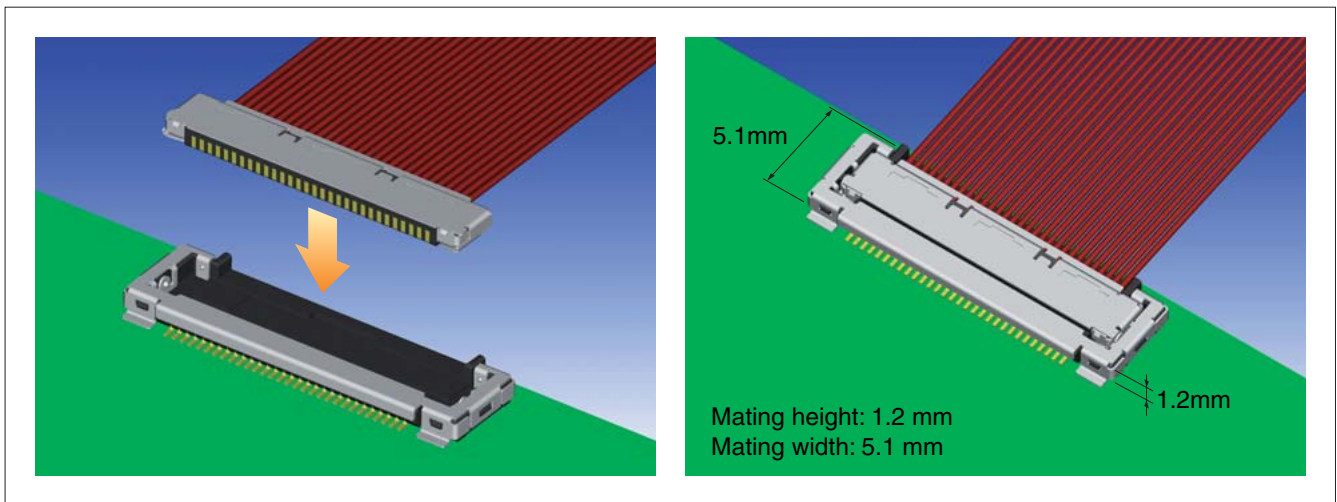
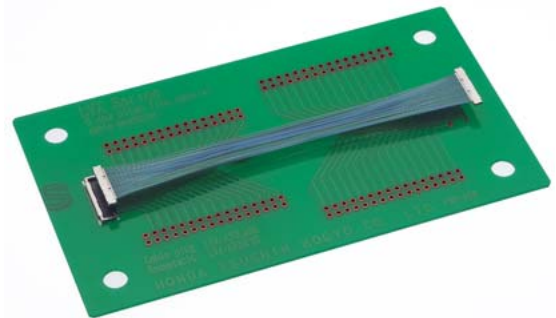
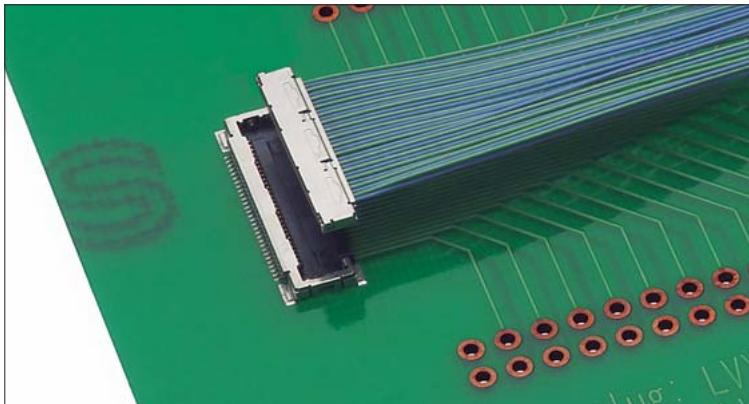


LVX Series Connector

Outline

This series of connectors is best suited to for wiring within ultra miniature electronic equipment such as cellular phones, notebook-type personal computers, personal digital assistants PDA (PDA: Personal Digital Assistants). Wiring in the moving hinge part of the newest two-axis rotation type cellular phones, can be more easily designed than with conventional flexible print circuits FPC (FPC: Flexible Print Circuits). Further, by narrowing the width of the cable plug to its utmost limit, these assembled connectors can be passed through the inside diameter of a hinge, so that workability during assembly can be improved.



Honda Connectors

 HONDA TSUSHIN KOGYO CO., LTD.

Address : 6-18-12, Megurohoncho, Meguro-Ku, Tokyo 152-8520, Japan / Telephone : +81-3-3714-1151/1161 / Fax : +81-3-5721-7090

Specifications are subject to change without notice.

Printed in Japan

Features

Ultra-miniature type connector, one of the lowest profiles in this industry; Mating height: 1.2 mm (Refer to Figure below)

This connector achieves 0.4 mm pitch and low profile 1.2 mm mating height. Therefore the connector contributes to reduced equipment thickness.

Structure permits easy designing of PCB circuits

By adopting vertical mating of connectors, flexibility is increased for connector mounting position. Further, by attaching an insulator on the bottom surface of the connector, circuit patterns can be designed on the surface., and structure permits easy designing of PCB circuits.

Assembly workability is improved.

By narrowing the width of the cable plug to its utmost limit of 2.8 mm, an assembled connector can be passed through the inside diameter of a hinge. Further, vertical mating of connectors improves assembly workability.

Structure takes into account electrical noise prevention

Ultra thin coaxial cable (42 AWG) can be used, and by covering the connector with a metal shell, electrical noise can be prevented.

Mounting

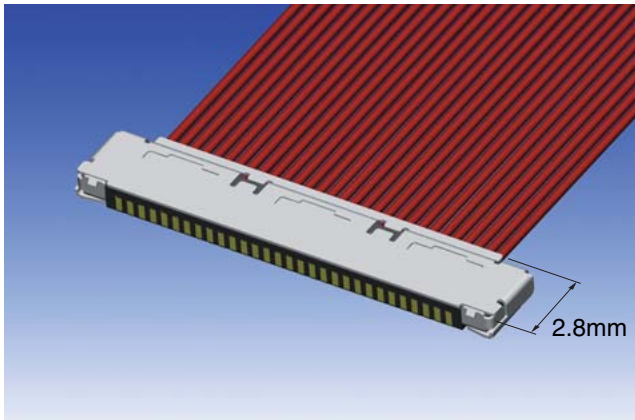
Setting up a suction surface on the receptacle allows for automatic mounting with PCB, and utilizes pulse-heat soldering technique, which minimizes cable damage during attachment.

Product Part No.

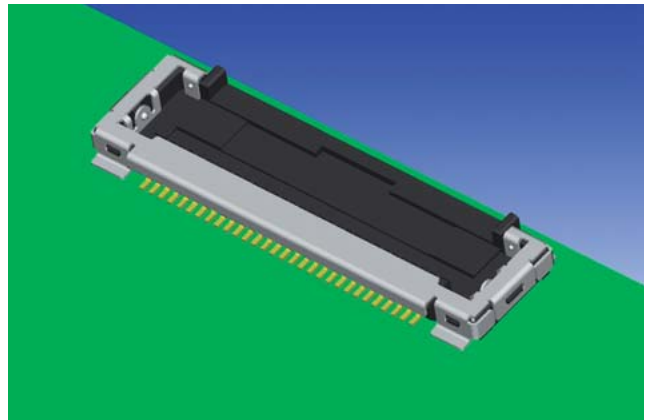
Contact No.	Cable plug	Receptacle
30	LVX-A30LMSG	LVX-A30SFYG
40	LVX-A40LMSG	LVX-A40SFYG

Specifications

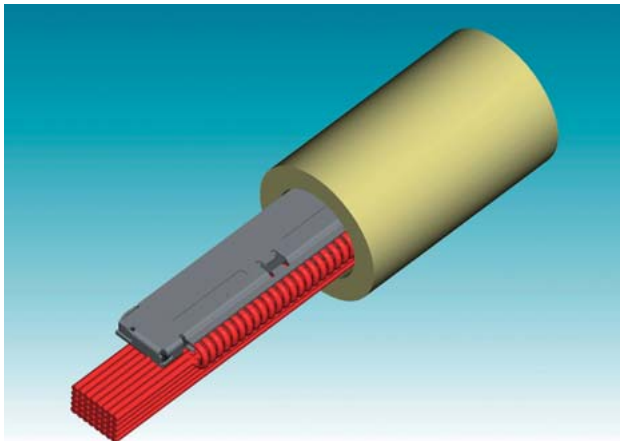
Rated current	0.2 A/contact
Rated voltage	100V AC (rms)
Temperature range	-20 to +70 °C
Relative humidity	95 RH or less



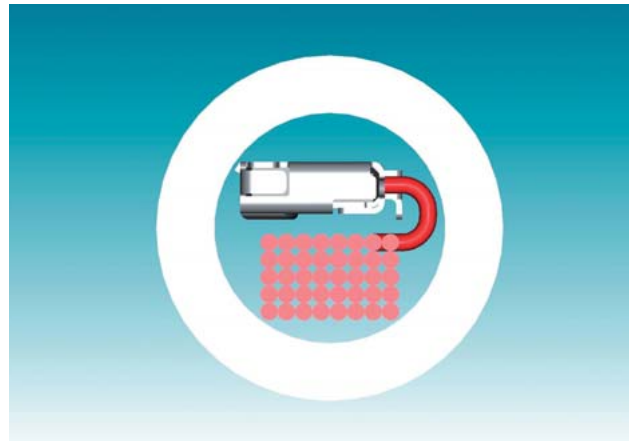
Cable plug (Width: 2.8 mm)



Receptacle



Assembled cable plug passing through hinge hole (1)



Assembled cable plug passing through hinge hole (2)