

0. 5mm pitch Side-Lock FPC Connector
 FPC High-speed Transmission system HF509 series

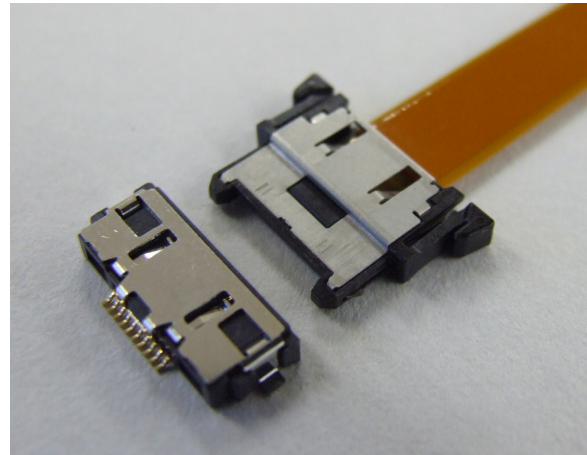
✓RoHS

Product Name

HF509S- 10 - 03

① ② ③

①	HF509series
②	S : socket
③	Number of Contacts



Feature

- Fine pitch(0.5mm) low profile(2.0mm)
- Released right-angle 10pin connector
- Characteristic impedance matching design
- Perfect mating and high drawing tension enabling by Non-ZIF side-lock mechanism
- EMI enhanced design : Shell GND
- Available in tape & reel packaging for auto-mounting assembly
- Available to supply plug assembled YFLEX

Material & plating

Product Name	Material&Plating
Insulator	Heat Resisting Plastic
Contact	Material: Copper Alloy Plating: Ni-Au
Reinforcement terminal	Material: Copper Alloy Plating: Ni-Sn

Packing quantity

3,000pcs/emboss reel

Minimum order quantity

More than 3,000pcs (3,000pcs/unit)

Specification

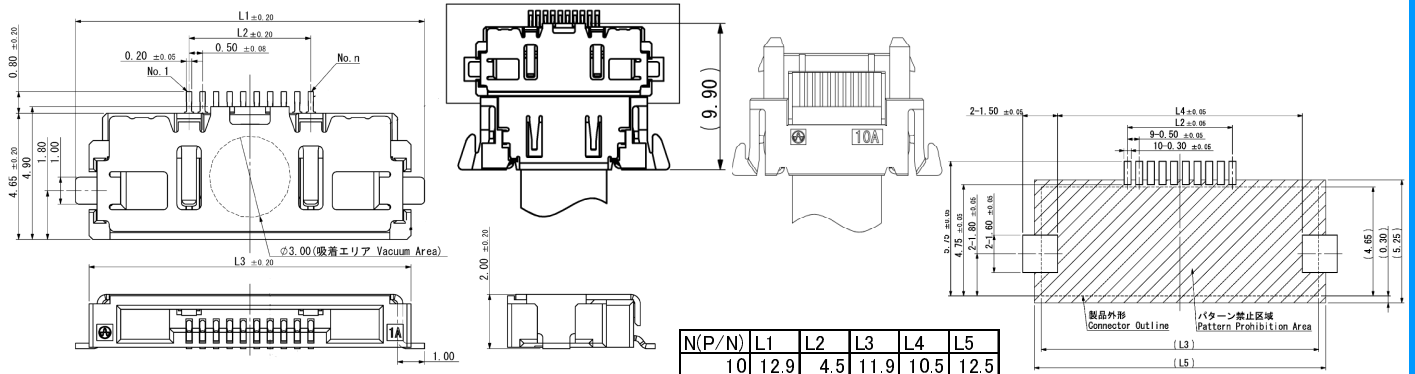
Current Rating	0.3A
Voltage Rating	AC500Vrms
Insulation Resistance	500m Ω Minimum
Withstanding Voltage	AC125V 1min.
Contact Resistance	50m Ω Maximum
Operating Temperature	-20 ~85℃
Insertion/Extraction	10Times

Outline Dimension

Mated Condition

Applicable Plug

Recommended Foot Pattern Dimension



2008/06/13 Rev.A

Specification in this document are reference values for representative products of each series and change without prior notice. Since product improvement entails changes to electrical, material and mechanical properties, the purchasing party is strongly encouraged to inquire about the latest specifications before placing a purchase order. All other service, product and company names mentioned herein are the trademarks or registered trademarks of their respective owners.



山一電機株式会社
 YAMAICHI ELECTRONICS Co.,Ltd.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Yamaichi Electronics:](#)

[HF509S-10-03](#) [HF509P-10-03SH-C01](#)