

## 阅读申明

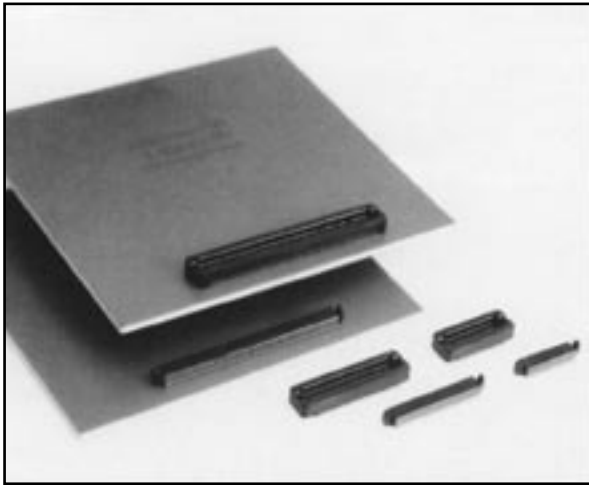
- 1.本站收集的数据手册和产品资料都来自互联网，版权归原作者所有。如读者和版权方有任何异议请及时告之，我们将妥善解决。
- 2.本站提供的中文数据手册是英文数据手册的中文翻译，其目的是协助用户阅读，该译文无法自动跟随原稿更新，同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。
- 3.本站提供的产品资料，来自厂商的技术支持或者使用者的心得体会等，其内容可能存在描述上的差异，建议读者做出适当判断。
- 4.如需与我们联系，请发邮件到marketing@iczoom.com，主题请标有“数据手册”字样。

## Read Statement

1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.
2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader's learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.
3. All product information provided on the website refer to solutions from manufacturers' technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.
4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with "Datasheets" .

# IL-312 SERIES CONNECTORS

## 0.5mm (.020") Contact Spacing, PCB-to-PCB SMT Connectors



These high density SMT connectors are designed for parallel PCB-to-PCB applications. They are ideal for use in VCRs, notebook PCs, cordless telephones, mobile phones, audio/visual and other telecommunications equipment where reduced size and weight are important.

### GENERAL SPECIFICATIONS

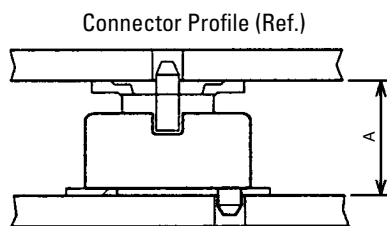
Number of Contacts	20, 30, 40, 50, 60, 70, 80
Contact Spacing	0.5mm (.020")
Current Rating	0.3 Amp per contact
Dielectric Withstanding Voltage	500 VAC r.m.s. (for one minute)
Insulation Resistance	100 megohms min.
Contact Resistance	40 milliohms max.
Operating Temperature	-40°C to +85°C

### FEATURES

- SMT contacts
- 2.5mm (.098") to 3.5mm (.138") stacked height
- Surface area of both pin and socket connectors facilitates automatic mounting
- Contact terminal length permits image recognition
- Available on embossed tape for automatic mounting
- Lead free

### MATERIALS AND FINISHES\*

Description	Materials/Finishes
Insulator	Heat-resistant plastic (UL94V-0, Black)
Contact	Copper alloy/Gold Plating: connecting area 0.1µm (.000004") min.



Stacking Height (A)

		Pin	
Socket	Connector height code	Blank (standard)	30
	Blank (standard)	2.5 (.098)	3.0 (.118)
	H05	3.0 (.118)	3.5 (.138)

### ORDERING INFORMATION

	<b>IL-312</b>	-	<b>**</b>	<b>*</b>	<b>*</b>	<b>VF</b>	<b>**</b>	-	<b>A1</b>
Series									
No. of Contacts	20, 30, 40, 50, 60, 70, 80, 100								
Contact Type	P - Pin S - Socket								
Polarizing Boss	Blank - No Boss B - Positioning Boss								
Termination Style	VF - Straight								
Connector Height Code	[Socket] Blank (Standard) - 2.15 (.085) H05 - 2.65 (.104) [Pin] Blank (Standard) - 1.55 (.061) 30 - 2.05 (.081)								
Finish Code	A1 - Gold Plating, 0.1µm (.000004") min.								

\* Please consult JAE for verification of product availability.

Dimensions in mm (inches).