## 阅读申明

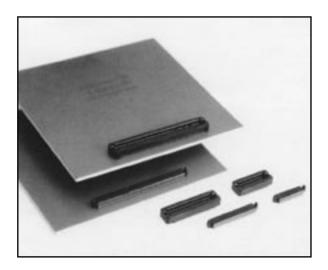
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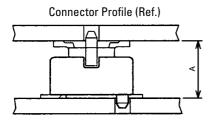
## **IL-312 SERIES CONNECTORS**

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



### **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



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)

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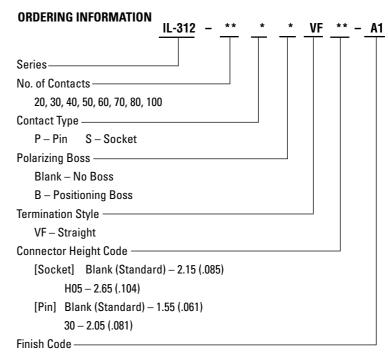
These high density SMT connectors are designed for parallel PCB-to-PCB applications. They are ideal for use in VCRs, notebook PCs, cordless telephones, mobile phones, audio/visual and other telecommunications equipment where reduced size and weight are important.

#### **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	

### **MATERIALS AND FINISHES\***

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



A1 - Gold Plating,  $0.1 \mu m$  (.000004") min.



<sup>•</sup> Please consult JAE for verification of product availability.