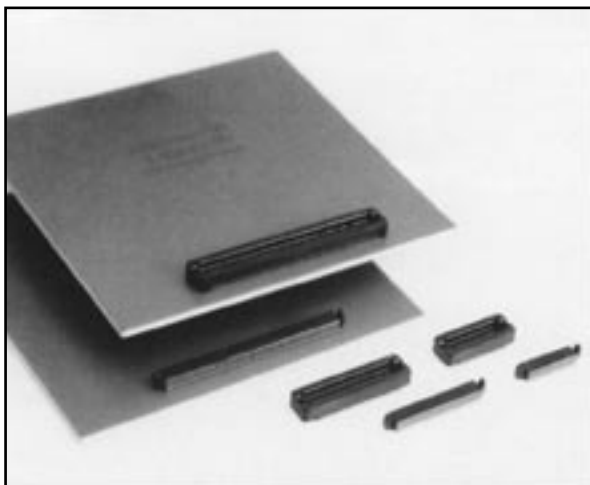


IL-312 SERIES CONNECTORS

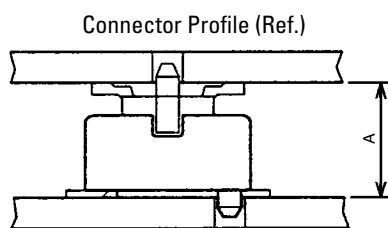
0.5mm (.020") Contact Spacing, PCB-to-PCB SMT Connectors



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.

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)

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)
Contact	Copper alloy/Gold Plating: connecting area 0.1µm (.000004") min.

ORDERING INFORMATION

	IL-312	-	**	*	*	VF	**	-	A1
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).

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