



# Board to Board Connectors





# **DDK Contents**

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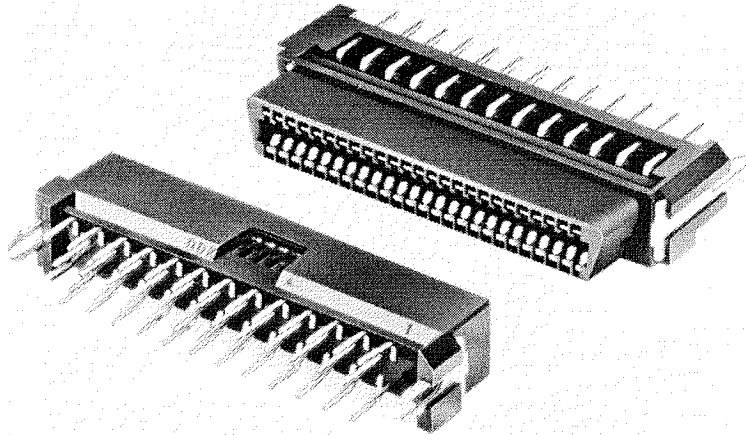
1. Connectors List
2. Connectors Presentation
3. Lead Free Products

# **DDK** Connectors List

Contact Pitch (mm)		1.27		0.8	0.635		
Series Name		DHB	DHL		DFJ	DFM (for EMI)	
Mounting Method		DIP Type	Header: DIP Type	Receptacle: SMT	SMT	SMT	
Number of Contacts		20,26,30,34,40,50,60, 68,80,100,120	40,50		20,30,40,60,80,100, 120,160	80	
Stacking Height (mm)	5 to 9	/		7, 9	/		
	10 to 14	10, 12.3, 13.2	/		10, 13, 14	/	
	15 to 19	15.1, 16.1, 17, 17.1, 18, 18.1, 19	/		15, 16, 17, 18, 19	16	
	20~25	20	/		20	20	

# **DDK DHB Series**

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**Contact Pitch: 1.27mm**

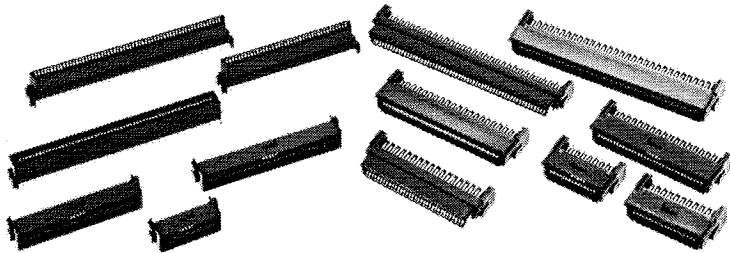
**Stacking Height: 10 to 24.9 mm**

**Number of Contacts:**

**20, 30, 34, 40, 50, 60, 68, 80,  
100, 120**

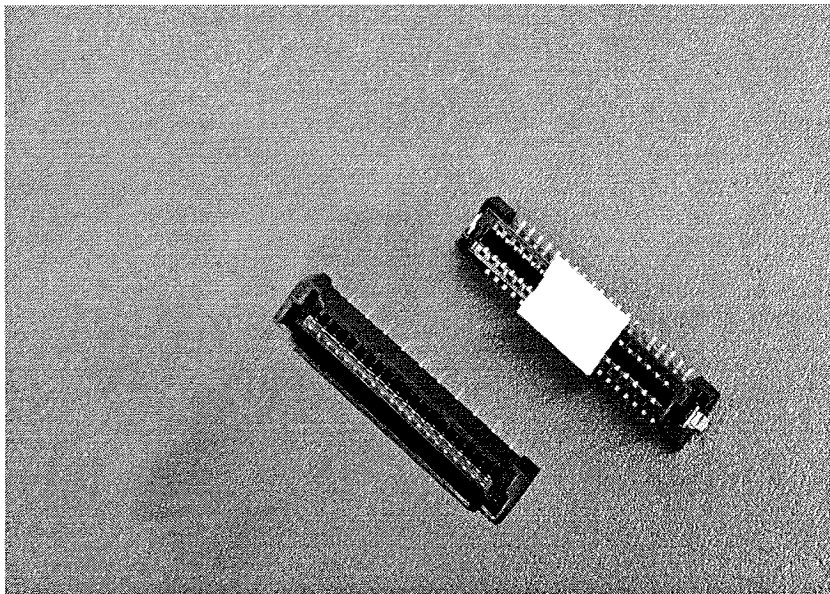
**Feature**

- **Scoop-Proof Cantilever contact design**



# **DDK DHL Series**

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**Contact Pitch: 1.27mm**

**Stacking Height: 7, 9 mm**

**Number of Contacts: 40, 50**

**Feature**

- **Scoop-Proof cantilever contact design**

- **Mounting Method**

**Header connectors: DIP type**

**Receptacle connectors: SMT**

# **DDK DFJ Series**

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**Contact Pitch: 0.8mm**

**Stacking Height: 10 to 20 mm**

**Number of Contacts:**

**20, 30, 40, 60, 80, 100,  
120, 160**

**Feature**

- Scoop-Proof cantilever contact design**
- SMT Mounting**

# **DDK DFM Series**

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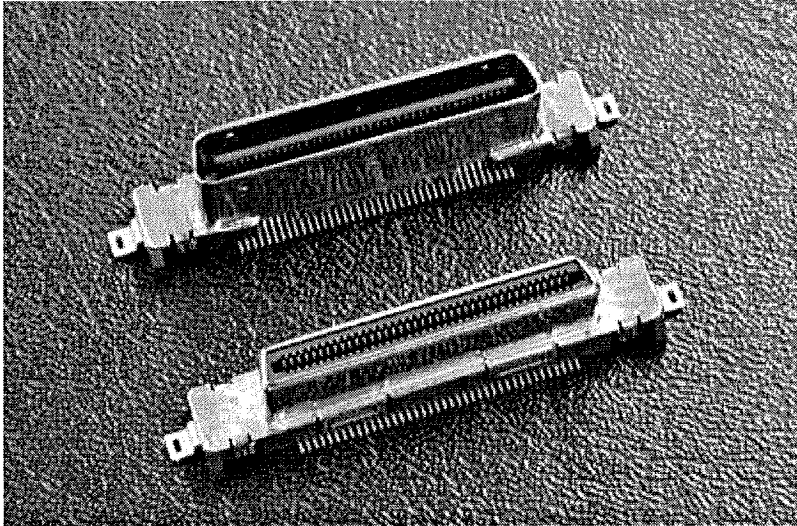
**Contact Pitch: 0.635mm**

**Stacking Height: 16, 20 mm**

**Number of Contacts: 80**

## **Feature**

- **Shield with shell structure**  
EMI performance improved
- **Scoop-Proof cantilever contact design**
- **SMT mounting**





# **DDK** Lead Free products

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## **1. Lead Free products available**

**DHB, DHL, DFJ, DFM series**

## **2. Lead Free Part Number**

**Add “-FA” at the end of the part number**

**e.g. Leaded p/n: DHB-PB50-S131N**

**Lead Free p/n: DHB-PB50-S131N-FA**

## **3. Composition of Lead Free plating**

**Tin-Silver (Sn-Ag) plating**