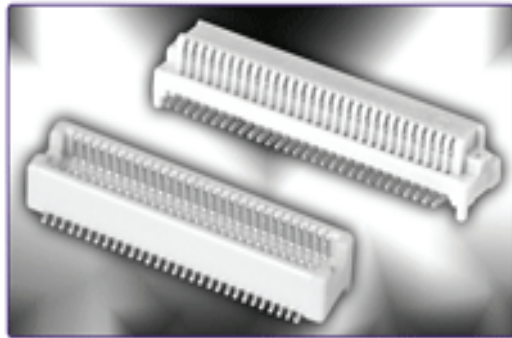




K050DPX/K050DSX 0.5mm Board to Board

Feature

- Mating Height as low as 1.5mm - 6.5mm
- Allows for more cost-efficient and space-saving solutions
- Used in digital cameras, mobile phones, and MP3 players.
- Surface mount plug and socket
- Circuit sizes range from 10-120

Performance Specifications

Materials and Finish

Insulator :High Temp. Plastic (UL94V-0)

Contact : Phosphor Bronze

Plating : Gold Plated

Electrical Characteristics

Current rating : 0.5Amps

Voltage rating : 50V AC/DC

Contact resistance : 30m ohm.max.

Insulation resistance : 100M ohm.

Withstanding voltage : 100V AC for one minute

Temperature range : -20°C to +105°C

0.5mm Board to Board Plug

K050DPX/DSX Series

Documentation & Ordering Information

Mating Kycon Part Number

Plug		
Socket		

Part Number Builder

Series	No of Contacts	Height	Plating	Packaging Option
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Series

K050DPX - 0.5mm B2B Plug

K050DSX - 0.5mm B2B Socket

Number of Contact

10 ,12, 14, 16,18 ,20 ,22 ,24 ,26 ,30 ,32 ,36 ,40,50,60

Mating Height_(mm)

	K050DPX-XXX-XXX-G (Plug Height)				
	120	170	220	270	320
K050DSX-XXX-126-G	1.5				
K050DSX-XXX-170-G		2.5			
K050DSX-XXX-176-G	2.0				
K050DSX-XXX-220-G			3.0	3.5	
K050DSX-XXX-270-G				4.0	4.5
K050DSX-XXX-420-G			5.0	5.5	
K050DSX-XXX-470-G				6.0	6.5

Plating

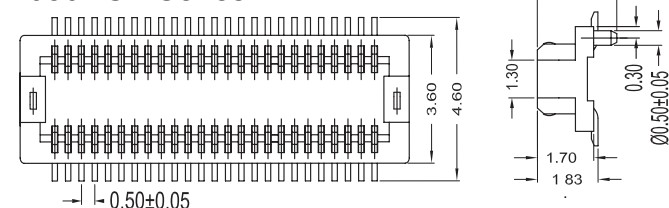
G - Gold

Packaging Option

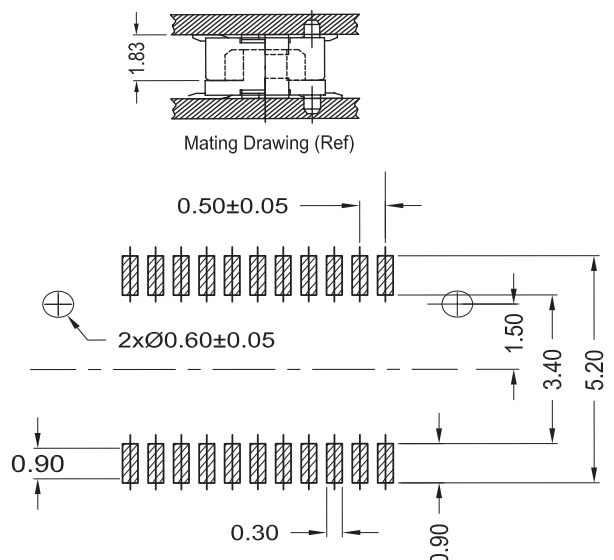
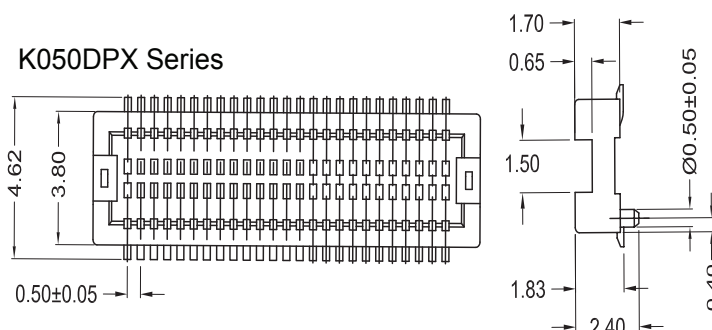
Blank- Tube

T - Tape and Reel Packaging

K050DSX Series



K050DPX Series



Plug or Socket PCB Layout