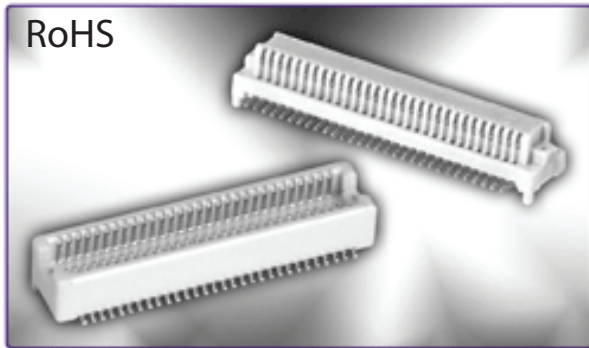




K050DPX/K050DSX 0.5mm Board to Board

Feature

- Mating Height as low as 2.5mm - 6.5mm
- Allows for more cost-efficient and space-saving solutions
- Used in digital cameras, set top boxes, computers, POS Terminals, Hand held Products and more,
- Surface mount plug and socket
- Circuit sizes range from 10-60

Performance Specifications

Materials and Finish

Insulator : High Temp Plastic (UL94V-0)

Contact : Phosphor Bronze

Plated : Gold Plated

Electrical Characteristics

Current Rating : 0.5A

Voltage Rating : 50V AC/DC

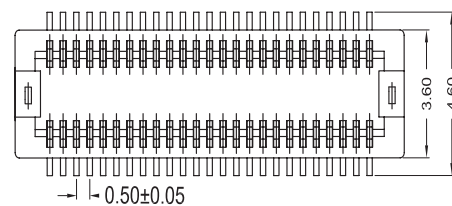
Resistance : 30m ohm. max.

Insulation Resistance : 100M ohm.

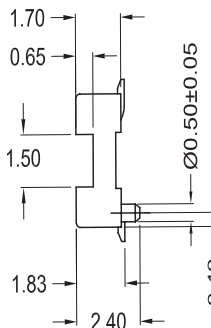
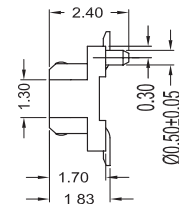
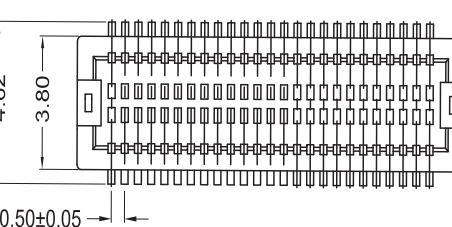
Withstanding Voltage : 100V AC for one Minute

Operating Temperature Range : -20°C to +105°C

K050DSX Series



K050DPX Series



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
--------	----------------	--------	---------	------------------

Series

K050DPX - 0.5mm Plug

K050DSX - 0.5mm Socket

Number of Contact

--	--	--	--	--	--	--	--	--	--

Mating Height (mm)

	K050DPX-XXX-XXX-G (Plug Height)			
	170	220	270	320
K050DSX-XXX-170-G	2.5			
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

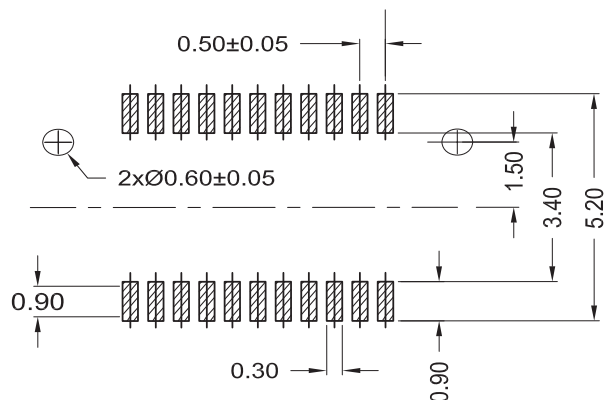
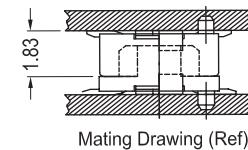
G - Gold

Packaging Option

Blank - Bulk

T - Tape and Reel Packaging

Contact Kycon for more options



Plug or Socket PCB Layout