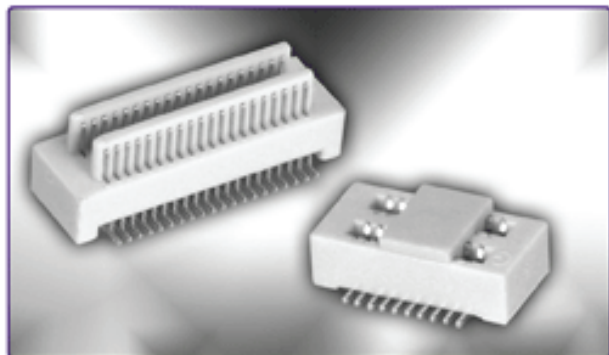




K050APX/ASX

0.5mm Board to Board Plug/Socket

Feature

- Mating Height as low as 3.0mm - 6.0mm
- 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 10-120

Performance Specifications

Materials and Finish

Housing : High Temp Plastic (UL94V-0)

Contact : Phosphor Bronze

Plated : Gold Plated

Electrical Characteristics

Current Rating : 0.5Amps

Voltage Rating : 50V AC/DC

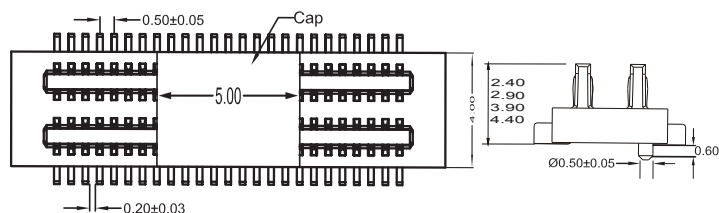
Resistance : 30m ohm. max.

Insulation Resistance : 100M ohm.

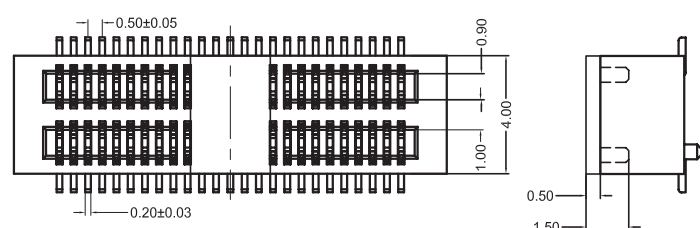
Withstanding Voltage : 100V AC for one Minute

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

K050APX Series



K050ASX Series



0.5mm Board to Board Plug

K050APX/ASX 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

K050APX - 0.5mm Plug

K050ASX - 0.5mm Socket

Number of Contact (Contact Kycon for other Pin counts)

10 , 20 , 30 , 38 , 40 , 50 , 60 , 70 , 80 , 90 , 100 , 120

Mating Height (mm)

	K050APX-XXX-XXX-G			
	240	290	390	440
K050ASX-XXX-220-G	3.0	3.5		
K050ASX-XXX-270-G		4.0		
K050ASX-XXX-320-G		4.5		
K050ASX-XXX-300-G			5.0	6.0
K050ASX-XXX-350-G				5.5

Plating

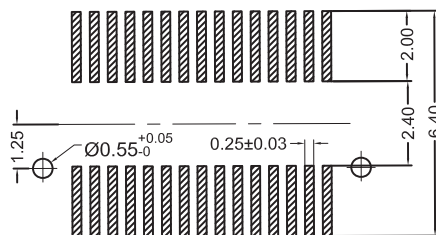
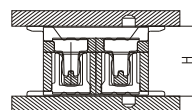
G - Gold

Packaging Option

Blank - Bulk

T - Tape and Reel Packaging

Contact Kycon for more options



Plug or Socket PCB Layout