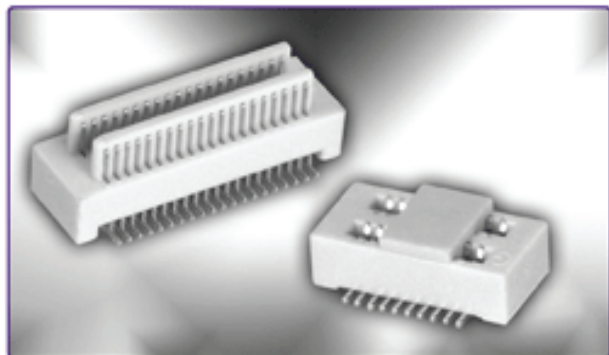




K050APX/ASX

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

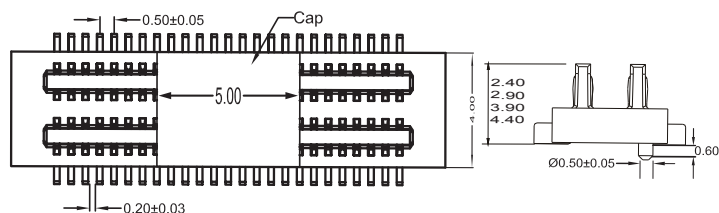
Resistance : 30m ohm. max.

Insulation Resistance : 100M ohm.

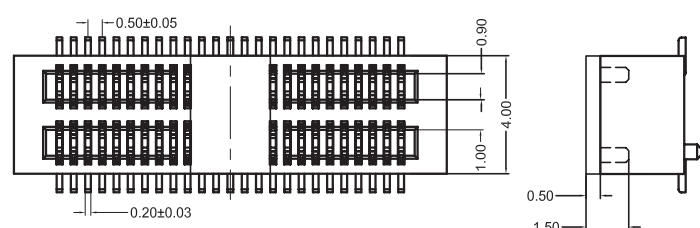
Withstanding Voltage : 100V AC for one Minute

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

K050APX Series



K050ASX Series



0.5mm Board to Board Plug

K050APX/ASX Series

Documentation & Ordering Information

Stock	CofC
Sample	RFQ

Mating Kycon Part Number

Plug	K050APX-120-290-GT	Drawing
Socket	K050ASX-120-220-GT	Drawing

Part Number Builder

K050APX	—	120	290	G	—	T
Series		No of Contacts	Height	Plating		Packaging Option

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- 290 -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

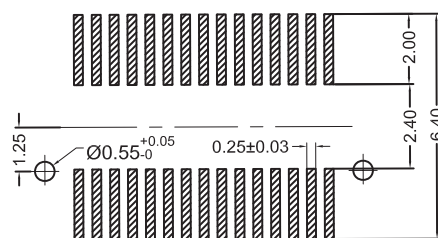
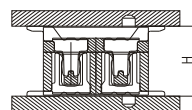
G - Gold

Packaging Option

Blank - Bulk

T - Tape and Reel Packaging

Contact Kycon for more options



Plug or Socket PCB Layout