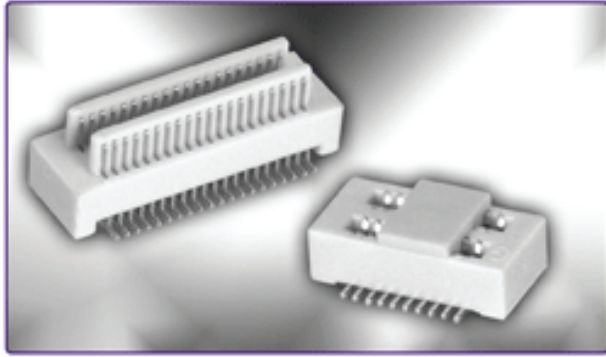




K050APX/ASX

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

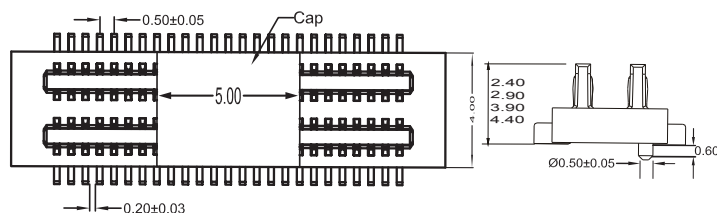
Resistance : 30m ohm. max.

Insulation Resistance : 100M ohm.

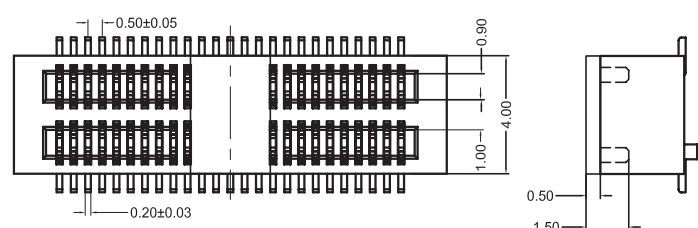
Withstanding Voltage : 100V AC for one Minute

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

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

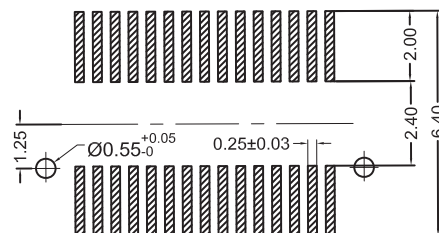
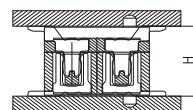
G - Gold

Packaging Option

Blank - Bulk

T - Tape and Reel Packaging

Contact Kycon for more options



Plug or Socket PCB Layout

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Kycon:

K050APX-010-240-G	K050APX-010-290-G	K050APX-020-240-G	K050APX-020-290-G	K050APX-020-440-G
K050APX-024-290-G	K050APX-024-390-G	K050APX-024-440-G	K050APX-030-240-G	K050APX-030-290-G
K050APX-030-390-G	K050APX-030-440-G	K050APX-038-390-G	K050APX-038-440-G	K050APX-040-240-G
K050APX-040-290-G	K050APX-040-390-G	K050APX-040-390-GT	K050APX-040-440-G	K050APX-050-240-G
K050APX-050-290-G	K050APX-050-390-G	K050APX-050-440-G	K050APX-060-390-G	K050APX-060-440-G
K050APX-070-240-G	K050APX-070-290-G	K050APX-080-390-G	K050APX-080-440-G	K050APX-090-240-G
K050APX-090-290-G	K050APX-100-240-G	K050APX-100-290-G	K050APX-100-390-G	K050APX-100-440-G
K050APX-120-240-G	K050APX-120-290-G	K050APX-120-390-G	K050APX-120-440-G	K050ASX-010-220-G
K050ASX-010-270-G	K050ASX-020-220-G	K050ASX-020-270-G	K050ASX-020-300-G	K050ASX-020-320-G
K050ASX-020-350-G	K050ASX-024-300-G	K050ASX-024-320-G	K050ASX-024-350-G	K050ASX-030-220-G
K050ASX-030-270-G	K050ASX-030-300-G	K050ASX-030-320-G	K050ASX-030-350-G	K050ASX-038-300-G
K050ASX-038-350-G	K050ASX-040-220-G	K050ASX-040-270-G	K050ASX-040-300-G	K050ASX-040-300-GT
K050ASX-040-320-G	K050ASX-040-350-G	K050ASX-050-220-G	K050ASX-050-270-G	K050ASX-050-300-G
K050ASX-050-320-G	K050ASX-050-350-G	K050ASX-060-300-G	K050ASX-060-300-GT	K050ASX-060-320-G
K050ASX-060-350-G	K050ASX-070-220-G	K050ASX-070-270-G	K050ASX-080-300-G	K050ASX-080-320-G
K050ASX-080-350-G	K050ASX-090-220-G	K050ASX-090-270-G	K050ASX-100-220-G	K050ASX-100-270-G
K050ASX-100-300-G	K050ASX-100-320-G	K050ASX-100-350-G	K050ASX-120-220-G	K050ASX-120-270-G
K050ASX-120-300-G	K050ASX-120-320-G	K050ASX-120-350-G		