

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

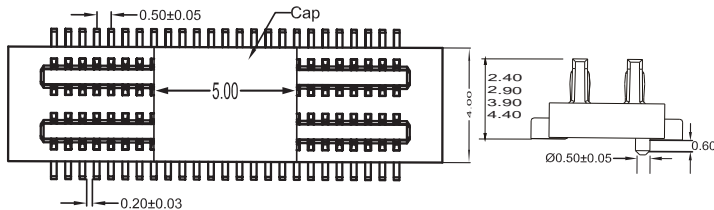
Materials and Finish

- Housing** : High Temp Plastic (UL94V-0)
Contact : Phosphor Bronze
Plated : Gold Plated

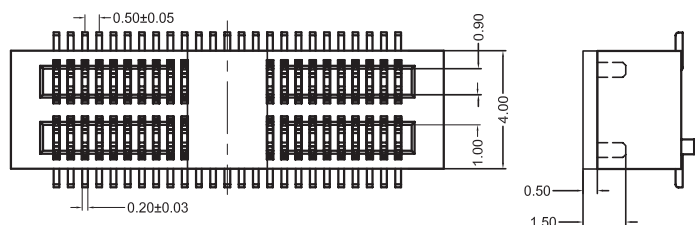
Electrical Characteristics

- 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

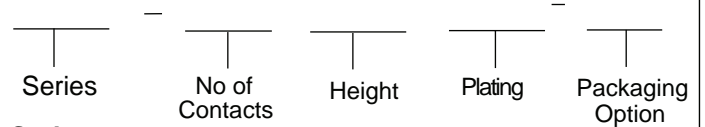
K050APX/ASX Series

Documentation & Ordering Information

Mating Kycon Part Number

Plug		
Socket		

Part Number Builder



Series

- 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

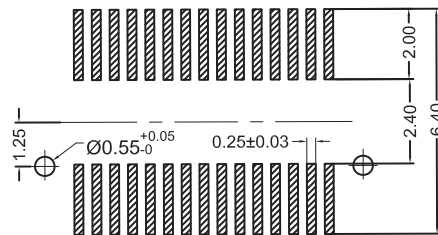
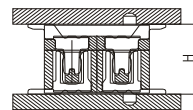
Plating

G - Gold

Packaging Option

- Blank - Bulk
 T - Tape and Reel Packaging

Contact Kycon for more options



Plug or Socket PCB Layout