

## 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 hied 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

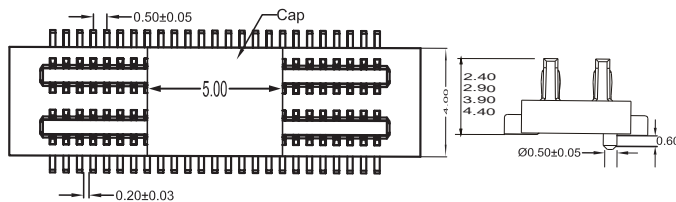
**Resistance** : 30m ohm. max.

**Insulation Resistance** : 100M ohm.

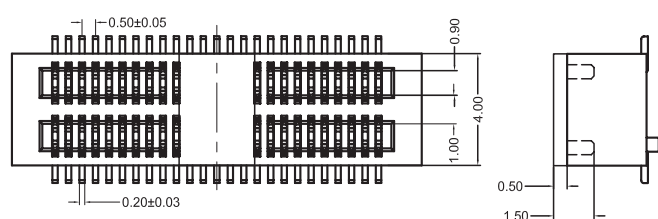
**Withstanding Voltage** : 100V AC for one Minute

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

#### K050APX Series



#### K050ASX Series



## 0.5mm Board to Board Plug

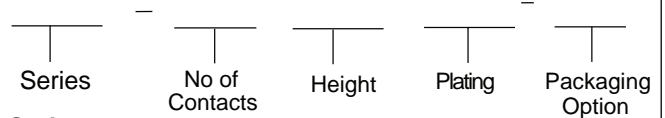
## K050APX/ASX Series

### 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

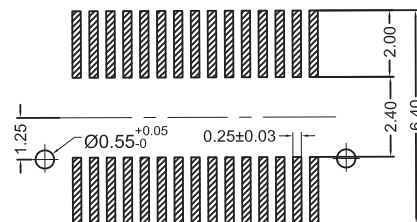
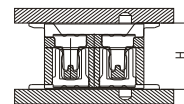
G - Gold

#### Packaging Option

Blank - Bulk

T - Tape and Reel Packaging

Contact Kycon for more options



### Plug or Socket PCB Layout