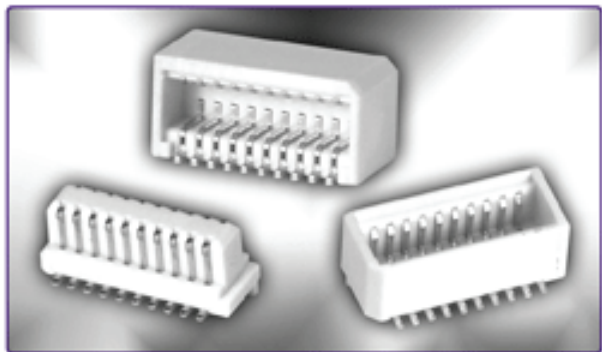




## K080ASX/VPX/RPX 0.8mm Board to Board Socket/Plug

### Feature

- Mating Height as low as 4.5mm - 7.0mm
- Allows for more cost-efficient and space-saving solutions
- Used in digital cameras, set top boxes, computers, postterminals, Hand hied Products and more,
- Surface mount plug and socket
- Circuit sizes range from 10-100

### Performance Specifications Materials and Finish

**Insulator** : High Temp Plastic (UL94V-0)

**Contact** : Phosphor Bronze

**Plated** : Gold Plated

### Electrical Characteristics

**Current Rating** : 0.5A AC/DC

**Voltage Rating** : 50V AC/DC

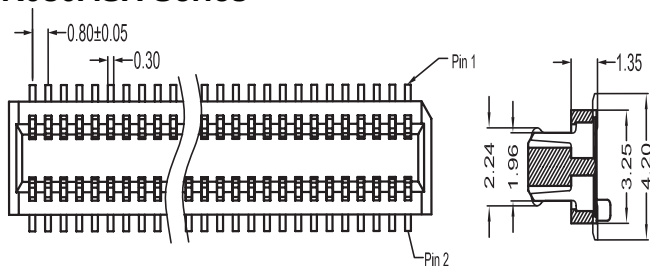
**Resistance** : 40m ohm. max.

**Insulation Resistance** : 100M ohm. At 100V DC

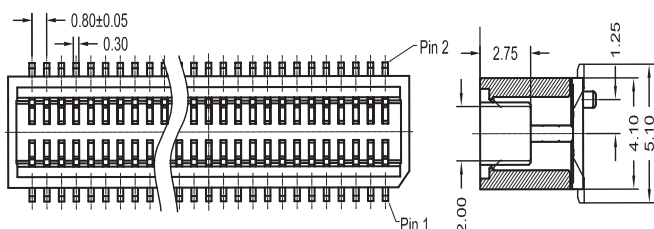
**Withstanding Voltage** : 500V AC for one Minute

**Operating Temperature Range** : -40°C to +105°C

### K080ASX Series



### K080VPX Series



## 0.8mm Board to Board

## K080ASX/VPX/RPX Series

### Documentation & Ordering Information

|  |  |
|--|--|
|  |  |
|  |  |

### Mating Kycon Part Number

|        |  |  |
|--------|--|--|
| Plug   |  |  |
| Socket |  |  |

### Part Number Builder

|        |                |        |         |                  |
|--------|----------------|--------|---------|------------------|
| Series | No of Contacts | Height | Plating | Packaging Option |
|--------|----------------|--------|---------|------------------|

#### Series

K080ASX - 0.8mm Socket

K080VPX - 0.8mm Plug

K080RPX - 0.8mm Plug

#### Number of Contact

|  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

#### Mating Height<sub>(mm)</sub>

|                   | K080ASX- XXX-355-G | K080ASX-XXX- 405-G |
|-------------------|--------------------|--------------------|
| K080VPX-XXX-365-G |                    |                    |
| K080VPX-XXX-415-G |                    |                    |
| K080VPX-XXX-515-G |                    |                    |
| K080VPX-XXX-565-G |                    |                    |
| K080VPX-XXX-565-G |                    |                    |
| K080RPX-XXX-470-G |                    |                    |

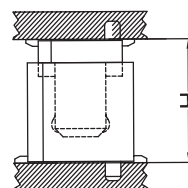
#### Plating

G - Gold

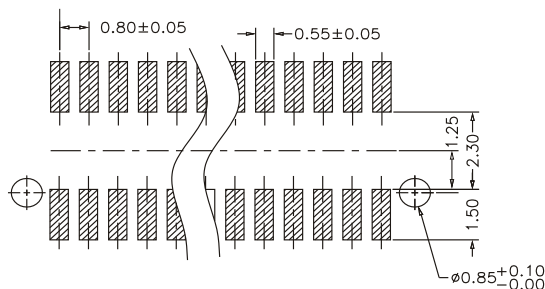
#### Packaging Option

Blank - Bulk

T - Tape and Reel Packaging



**Mating Height (H)**



**Plug or Socket PCB LAYOUT**