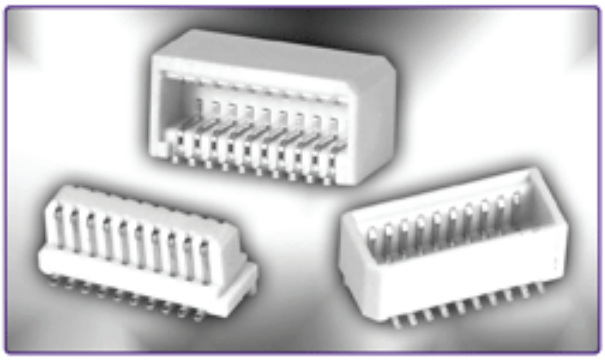
LEADERSHIP in Connector Design

KYCON

0.8mm Board to Board

K080ASX/VPX/RPX Series



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, posterminals, 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 : -40ºC to +105ºC

Documentation & Ordering Information

Stock	CofC
Sample	RFQ

Mating Kycon Part Number

Plug	K080ASX-100-355-G	Drawing
Socket	K080RPX-100-470-G	Drawing

Part Number Builder

K080ASX – 100 355 G –

Series	No of Contacts	Height	Plating	Packaging Option

Series
K080ASX - 0.8mm Socket
K080VPX - 0.8mm Plug
K080RPX - 0.8mm Plug

Number of Contact

10	12	14	16	18	20	22	24	26	28	30	32
34	36	38	40	50	60	68	70	80	90	100	

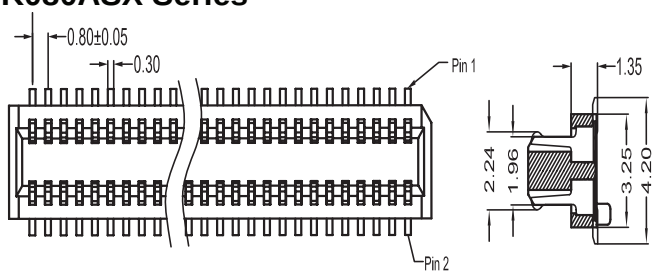
Mating Height(mm)

	K080ASX- XXX-355-G	K080ASX-XXX- 405-G
K080VPX-XXX-365-G	4.50	
K080VPX-XXX-415-G	5.00	
K080VPX-XXX-515-G	6.00	
K080VPX-XXX-565-G	6.50	
K080VPX-XXX-565-G		7.00
K080RPX-XXX-470-G	5.65	6.15

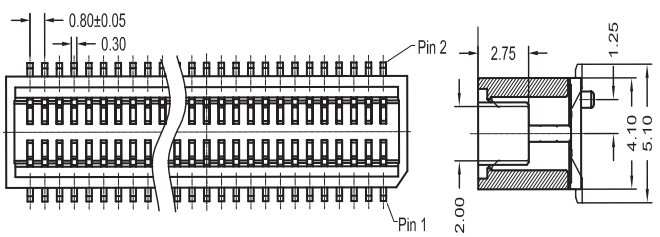
Plating
G - Gold

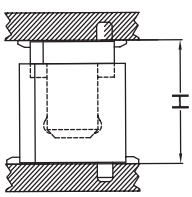
Packaging Option
Blank - Bulk
T - Tape and Reel Packaging

K080ASX Series

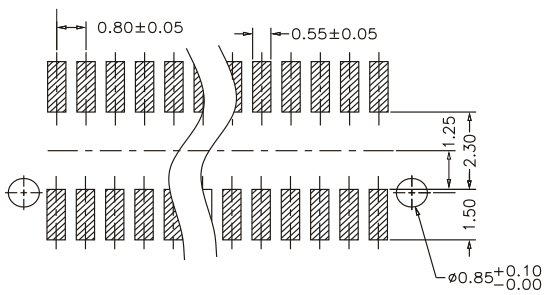


K080VPX Series





Mating Height (H)



Plug or Socket PCB LAYOUT