

## Narrow pitch Connectors

### 0.35mm pitch

Product name	Mated height	Number of pins											
S35	0.6	●	●	●	●	●	●	●	●	●	●	●	●
	0.8		●			●			●			●	

Product name	Mated height	Number of pins											
A35US	0.6	●	●	●	●	●	●	●	●	●	●	●	●

Product name	Mated height	Number of pins															
A35S	0.8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

### 0.5mm pitch

Product name	Mated height	Number of pins																	
P5KF	1.5	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	2.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	2.5	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

Product name	Mated height	Number of pins											
P5K	3.0	●	●	●	●	●	●	●	●	●	●	●	
	3.5	●	●	●	●	●	●	●	●	●	●	●	

Product name	Mated height	Number of pins									
P5KS	4.0	●	●	●	●	●	●	●	●	●	
	4.5	●	●	●	●	●	●	●	●	●	
	5.0	●	●	●	●	●	●	●	●	●	
	5.5	●	●	●	●	●	●	●	●	●	
	6.0	●	●	●	●	●	●	●	●	●	
	6.5	●	●	●	●	●	●	●	●	●	
	7.0	●	●	●	●	●	●	●	●	●	
8.0	●	●	●	●	●	●	●	●	●		
9.0	●	●	●	●	●	●	●	●	●		

### 0.4mm pitch

Product name	Mated height	Number of pins											
A4US	0.6	●	●	●	●	●	●	●	●	●	●	●	
	0.8	●	●	●	●	●	●	●	●	●	●	●	

Product name	Mated height	Number of pins																	
A4S	0.8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	1.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

Product name	Mated height	Number of pins													
A4F	0.6	●	●	●	●	●	●	●	●	●	●	●	●	●	

Product name	Mated height	Number of pins																	
F4S	1.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

Product name	Mated height	Number of pins																			
P4S	1.5	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	2.0					●				●				●				●		●	
	2.5		●			●				●				●				●		●	
	3.0		●			●				●				●				●		●	

Product name	Mated height	Number of pins		
P4S Shield type	1.5	●	●	●

Product name	Mated height	Number of pins													
P4	1.5	●	●	●	●	●	●	●	●	●	●	●	●	●	
	2.0	●	●	●	●	●	●	●	●	●	●	●	●		
	2.5	●	●	●	●	●	●	●	●	●	●	●	●		
	3.0	●	●	●	●	●	●	●	●	●	●	●	●		
	3.5	●	●	●	●	●	●	●	●	●	●	●	●		

Unit: mm

## FPC Connector back-lock series

Unit: mm

### 0.2mm pitch

Product name	Height	Short width (including lever)	Contact direction	Compatibility with FPC/FPC	Applicable FPC thickness	Number of pins					
Y2B	0.9	3.15	Top/Bottom	FPC	0.2	●	●	●	●	●	●

### 0.3mm pitch

Product name	Height	Short width (including lever)	Contact direction	Compatibility with FPC/FPC	Applicable FPC thickness	Number of pins															
Y3BL	0.6	3.35	Top	FPC	0.2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Y3B	0.9	3.15	Top/Bottom	FPC	0.2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Y3BW	0.9	3.15	Top/Bottom	FPC	0.2			●				●									●

### 0.4mm pitch

Product name	Height	Short width (including lever)	Contact direction	Compatibility with FPC/FPC	Applicable FPC thickness	Number of pins	
Y4BH 100Ω type	1.0	3.70	Top/Bottom	FPC	0.3	●	●
Y4BH 90/85Ω type						●	●

### 0.5mm pitch

Product name	Height	Short width (including lever)	Contact direction	Compatibility with FPC/FPC	Applicable FPC thickness	Number of pins																			
Y5B	1.0	3.70	Top/Bottom	FPC/FPC	0.3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
Y5BW	1.0	3.70	Top/Bottom	FPC	0.3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			

Current as of Aug, 2014

# Panasonic Narrow pitch Connector series

## High strong resistance to various environments “**TOUGH CONTACT**” series

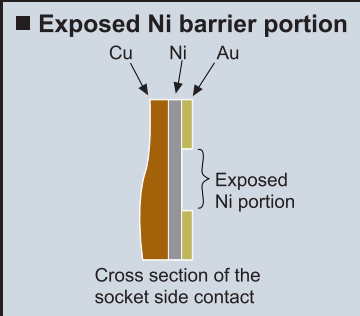
### Bellows contact construction

The high precision design curved molding provides the right amount of spring action from the contacts which is made possible by means of high precision-metal-processing, one of Panasonic's core technologies. This spring-like feature is key in many mobile devices.

**Tough ... against shock impact!**

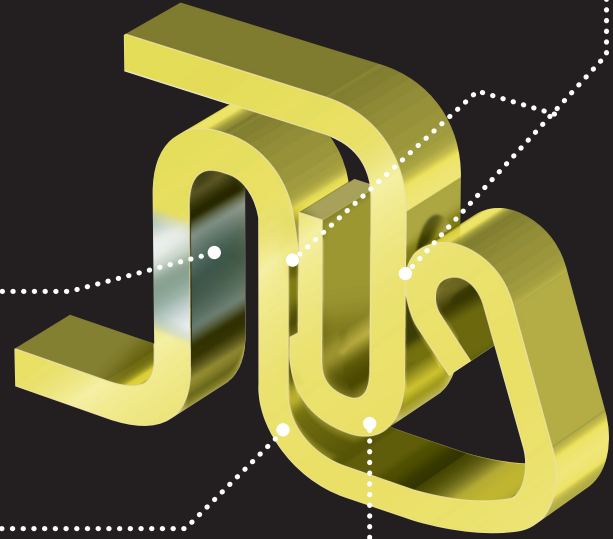
### Ni Barrier construction

Exposed nickel is placed on mid part of socket contacts. This contact, while being ultra low in profile, prevents solder rise.



**Tough against solder rise!**

**Tough ... against exposure to foreign particles and solder flux!**

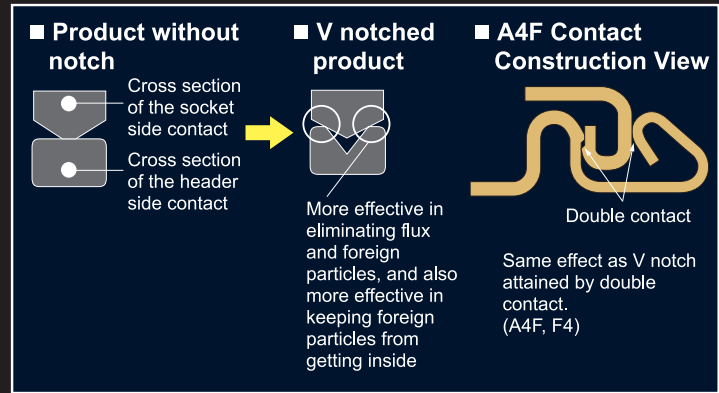


\*Contact image of A4S

\*Patented (Japan, Korea, Taiwan, China, and North America)

### V notch contact construction

The amount of contact pressure (per unit area) was dramatically increased by taking into consideration the contact edge design. This further improves the overall ability to resist foreign particles from entering inside the contact area.



### Porosity Treatment

**Tough against corrosive gases!**

This treatment consists of coating surface with a very thin film to seal pinholes in the gold plating. We have developed this porosity treatment technology, which ensures the same contact reliability for thin gold plating as that of thick gold plating.