



PCB Layout

**Material :**

Insulator : 30% Glass Fiber PBT, UL 94V-0  
Contact : Brass, Gold or Tin plated over Nickel

**Specification :**

Current Rating : 3 Amp  
Insulation Resistance : 5,000 MΩ min. at DC 500V  
Contact Resistance : 20 mΩ max.  
Withstanding Voltage : 500V AC for 1 minute  
Operation Temperature Range : - 40°C ~ + 105°C

**Order Information**

**PH - 2 x XX S G**

- \* Contacts plating  
G - Full gold flash  
S - Selective gold flash  
T - Tin plated
- \* S - Straight
- \* No. of contacts  
02 ~ 40
- \* 1 - Dual row

Note: Standard length of contacts 11.6mm in total. For special lengths, put required lengths (B/C) at end of P/N

Akizuki P/N	UEL P/N	Akizuki P/N	UEL P/N
C-00166	PH-2x07SG	C-00082	PH-2x40SG
C-00078	PH-2x10SG	C-02905	PH-2x10SG(4.5/2.5)
C-00079	PH-2x13SG	C-00172	PH-2x40SG(4.5/2.5)
C-00080	PH-2x20SG	C-02900	PH-1x40SG(3.0/2.2)
C-00081	PH-2x25SG		

E				Drawn:	General Tolerance		
D					.0	.00	.000
C				Checked:	±0.35	±0.2	±0.1
B	19-Jun-12	change Logo	David		Unit : mm		
A	21-Apr-07	new release	Jack	Appraisal:	Scale :		
Rev.	Date	File	BY		Sheet : 1/1		



**Useconn  
Electronics Ltd.**

Part No.  
**PH- 2 xXXSG**  
File No. PH-2xXXSG

Title: 2.54mmx2.54mm Pin Header Strip  
Straight, Dual row