

**P - Type Dual Row fully shrouded with polarity protection**

**-THT- Male Header straight (top entry) with board lock clips**

Order Code: **PCS-2xx-P420-99**

**-THT- Male Header straight (top entry) without board lock clips**

Order Code: **PCS-2xx-PN420-99**

**-THT- Male Header right angle (side entry) with mounting ears**

Order Code: **PCR-2xx-W420-99**

**-THT- Male Header right angle (side entry) with board lock clips**

Order Code: **PCR-2xx-P420-99**

**P - Type Female Plug Dual Row -Clip lock Type- with polarity protection**

*mate with -P420- & -W420- Male Header*

Order Code Housing: **PCF-2xx-P420**      Contact: **PCF-999/xxX-P420-99**

Current rating @30°C:  
(dependant on number of contacts and wire size)

Wire Size	Contacts			
	02	04 & 06	08 & 10	12 ~ 24
#18	9A	8A	7A	6A
#20	7A	6A	5A	5A
#22	5A	4A	4A	4A
#24	4A	3A	3A	3A
#26	3A	2A	2A	2A
#28	2A	1A	1A	1A

**Specifications**

Current rating	pls. see box above	Voltage rating	600 V AC/DC	Contact material	Brass or PhBz
Insulation resistance	1000 MΩ min.	Withstanding voltage	1500 V AC	Insulator material	PA66 UL 94V-2
Contact resistance	20 mΩ max.	Operating temperature	-25°C to +85°C	PCB thickness	1.60 mm

**How to order**

**PC X - x xx - X 420 - 99**

Type	Rows	Nbr of Contacts	Execution	Plating
<b>F</b> = Female <b>R</b> = R/A Male <b>S</b> = Straight Male	<b>2</b> = dual row <i>if Crimp Contact:</i> <b>9</b>	<b>02 - 24</b> = P & W - Type <i>if Crimp Contact:</i> (MOQ: 5K / reel) <i>if Brass:</i> <b>99/27</b> = for AWG 22~28 <b>99/20</b> = for AWG 18~24 <b>99/14</b> = for AWG 16 <i>if Phosphor Bronze:</i> <b>99/27P</b> = for AWG 22~28 <b>99/20P</b> = for AWG 18~24 <b>99/14P</b> = for AWG 16	<b>P</b> = with board lock clips <b>PN</b> = without board lock clips <b>W</b> = with mounting ears  for details see above dwg's	<b>99</b> = Tin (leadfree)  other platings on request