



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**METRAL 4 AND 5 ROW SIGNAL PIN VERTICAL HEADER WITH SHORTING CLIPS INSERTION TOOLING**

IN ORDER TO INSERT THE METRAL 4 AND 5 ROW SIGNAL PIN VERTICAL HEADERS YOU NEED TWO PIECES OF TOP TOOLING:

- PRESS BLOCK HOLDER
- PRESS BLOCK

THERE IS ALSO AN OPTIONAL BOTTOM TOOL (BOARD SUPPORT). MOST USERS USE THEIR OWN BOTTOM TOOL (PCB SUPPORT).

METRAL HEADERS ARE SOLD IN 12MM MODULES. THE FOLLOWING ARE STANDARD MODULE SIZES:

	4 ROW PIN GRID	5 ROW PIN GRID
1 MODULE (12 MM)	4 X 6	5 X 6
2 MODULE (24 MM)	4 X 12	5 X 12
4 MODULE (48 MM)	4 X 24	5 X 24
8 MODULE (96 MM)	4 X 48	5 X 48

SOME LARGER MODULE MONOBLOCKS ARE ALSO AVAILABLE.

**4 AND 5 ROW PRESS BLOCK HOLDER:**

<b><u>415446-001</u></b>	1 – 12 MM MODULE	<b><u>415446-013</u></b>	12 – 12 MM MODULES
<b><u>415446-002</u></b>	2 – 12 MM MODULES	<b><u>415446-014</u></b>	13 – 12 MM MODULES
<b><u>415446-003</u></b>	4 – 12 MM MODULES	<b><u>415446-015</u></b>	14 – 12 MM MODULES
<b><u>415446-004</u></b>	8 – 12 MM MODULES	<b><u>415446-016</u></b>	15 – 12 MM MODULES
<b><u>415446-005</u></b>	21 – 12 MM MODULES	<b><u>415446-017</u></b>	16 – 12 MM MODULES
<b><u>415446-006</u></b>	3 – 12 MM MODULES	<b><u>415446-018</u></b>	17 – 12 MM MODULES
<b><u>415446-007</u></b>	5 – 12 MM MODULES	<b><u>415446-019</u></b>	18 – 12 MM MODULES
<b><u>415446-008</u></b>	6 – 12 MM MODULES	<b><u>415446-020</u></b>	19 – 12 MM MODULES
<b><u>415446-009</u></b>	7 – 12 MM MODULES	<b><u>415446-021</u></b>	20 – 12 MM MODULES
<b><u>415446-010</u></b>	9 – 12 MM MODULES	<b><u>415446-101</u></b>	21 – 12 MM MODULES (ASG)
<b><u>415446-011</u></b>	10 – 12 MM MODULES		
<b><u>415446-012</u></b>	11 – 12 MM MODULES		

**4 ROW PRESS BLOCK:**

<b><u>166626-006</u></b>	1- 12 MM MODULE (4 X 6)
<b><u>166626-007</u></b>	1- 24 MM MODULE (4 X 12)
<b><u>166626-008</u></b>	1- 48 MM MODULE (4 X 24)
<b><u>166626-005</u></b>	1- 96 MM MODULE (4 X 48)

**5 ROW PRESS BLOCK:**

<b><u>166627-006</u></b>	1- 12 MM MODULE (5 X 6)
<b><u>166627-007</u></b>	1- 24 MM MODULE (5 X 12)
<b><u>166627-008</u></b>	1- 48 MM MODULE (5 X 24)
<b><u>166627-005</u></b>	1- 96 MM MODULE (5 X 48)

**4 AND 5 ROW BOARD SUPPORT:**

<b><u>415609-001</u></b>	1- 12 MM MODULE
<b><u>415609-002</u></b>	1- 24 MM MODULE
<b><u>415609-003</u></b>	1- 48 MM MODULE
<b><u>415609-004</u></b>	1- 96 MM MODULE

TO ORDER THE CORRECT TOOLING SIMPLY MATCH THE NUMBER OF CONNECTOR MODULES TO THE CORRESPONDING NUMBER OF PRESS BLOCK MODULES AND A HOLDER THAT IS LARGE ENOUGH TO HOLD THE TOTAL OF THE PRESS BLOCKS.

**IT IS IMPORTANT TO NOTE THAT YOU CAN MIX SIGNAL AND POWER PRESS BLOCKS IN THE SAME HOLDER. YOU ALSO USE THE SAME HOLDER FOR 4 AND 5 ROW PRESS BLOCKS.**

