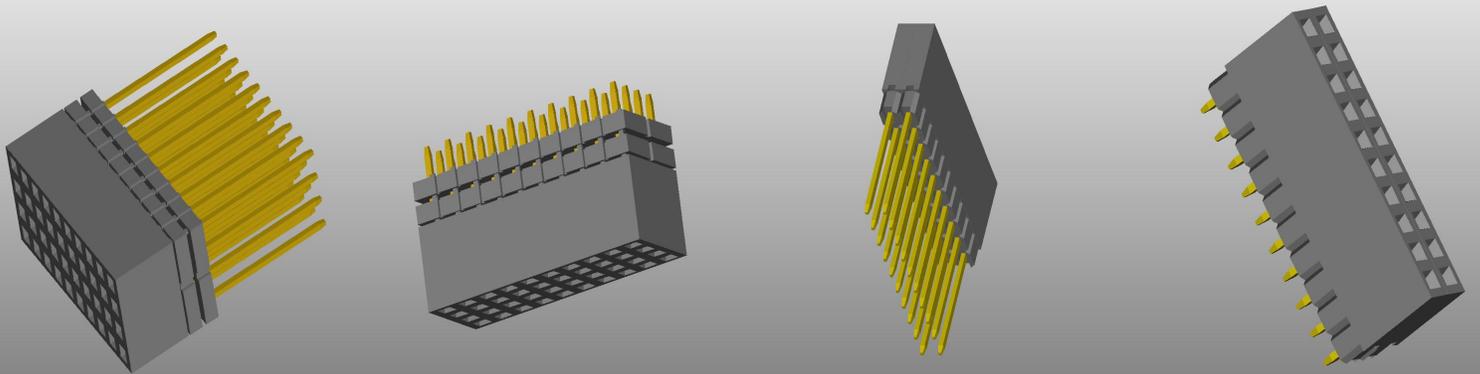
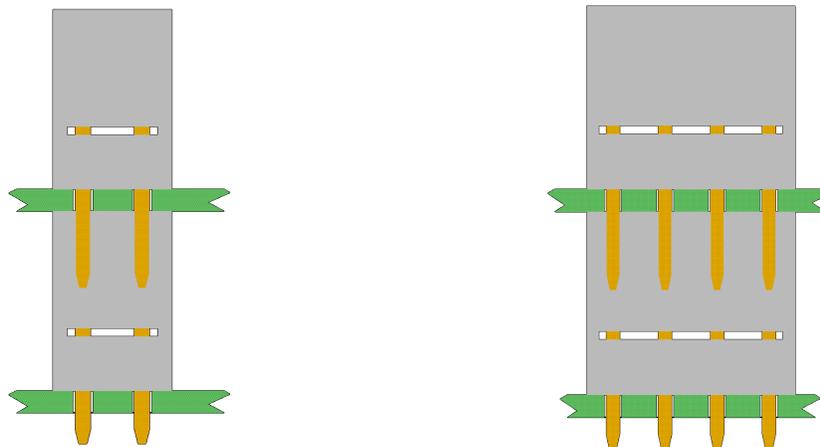


# MMT Machrone



## PC 104 / PC104 + PRODUCT GUIDE



### PRODUCT OFFERING :

PC 104 64 PINS STACK THROUGH, PC 104 64 PINS NON-STACK THROUGH  
PC 104 40 PINS STACK THROUGH, PC 104 40 PINS NON-STACK THROUGH  
PC 104+ 120 PINS STACK THROUGH, PC 104+ 120 PINS NON-STACK THROUGH  
PC 104+ 120 PINS STACKER HEADER  
PC 104+ 120 PINS SHROUD

# MMT Machrone

## PC104 PRODUCT GUIDE

Over the past decade, PC architecture has become an accepted platform for far more than desktop applications, dedicated and embedded applications for PCs are found everywhere. PC 104 was developed in response to this need. It offers full architecture, hardware and software compatibility with the PC bus, but in ultra-compact (3.6" x 3.8") stackable modules. PC 104 is therefore ideally suited to the unique requirements of embedded control application.

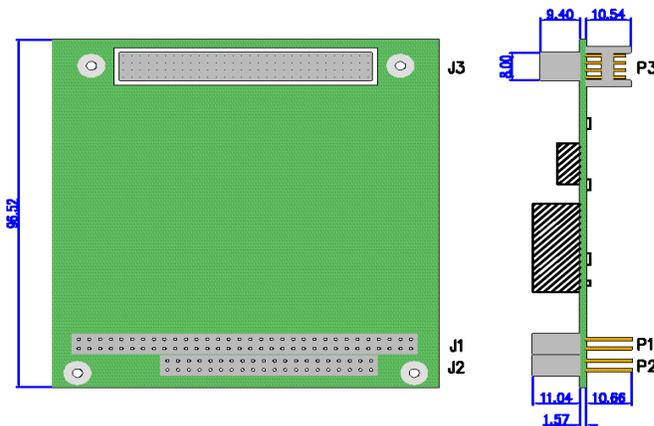
MMT Machrone's PC 104 connector was developed for the stacking of PCBs and is particular well suited for PC 104 modules. These connectors are available in J1 and J2 variation with 32 x 2(64 pin) and 20 x 2(40 pin) pins. They can be obtained with long and short pins according to the PC 104 standard.

PC 104 Plus connector has been added to the PC 104 specifications by PC 104 auditors. These connectors are available in J3 with the PC 104 Plus specifications in a 2.0 mm grid. A plastic shroud is also available for protecting the long pins of the stackthrough PC 104 Plus connector. A customized made stacker header is also available for the end module.

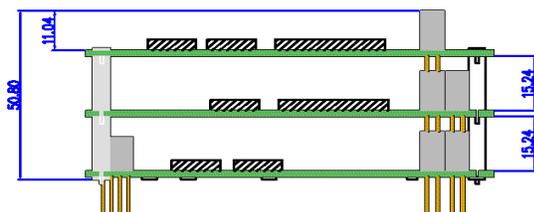
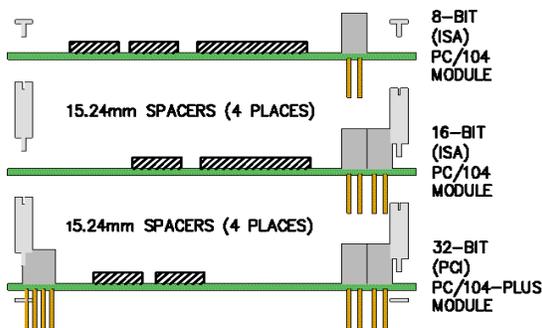
MMT Machrone also offer a broad range of *board to board interconnect* products with unlimited number of configurations :

- . DIP, R/A DIP, SMT, R/A SMT, EDGE MOUNT, BOTTOM ENTRY
- . 2.54mmx2.54mm, 2.54mmx1.27mm, 2.0mmx2.0mm, 1.27mmx1.27mm, 1.0mmx1.0mm, 0.5mm, 0.3mm
- . STACKER CONFIGURATIONS

Please check our website or contact us for a full line catalog.

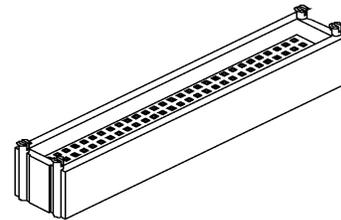


PC/104-PLUS BASIC MECHANICAL DIMENSIONS



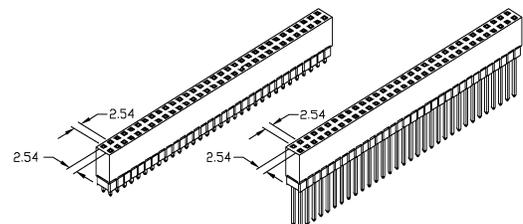
NOTE: PCI CONNECTOR SHROUD NOT SHOWN, FOR CLARITY.

### PC104 PLUS SHROUD



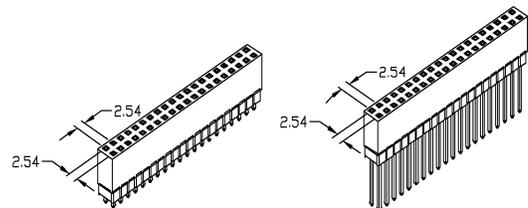
### PC104, 64 PINS

NON-STACKTHROUGH      STACKTHROUGH



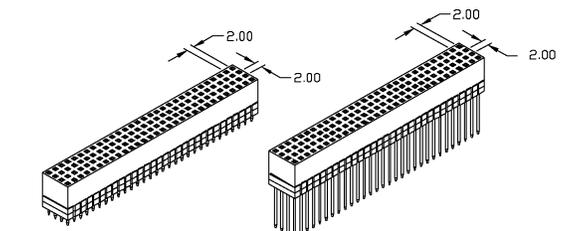
### PC104, 40 PINS

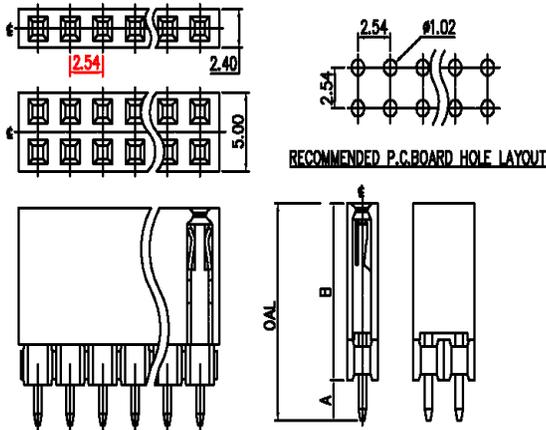
NON-STACKTHROUGH      STACKTHROUGH



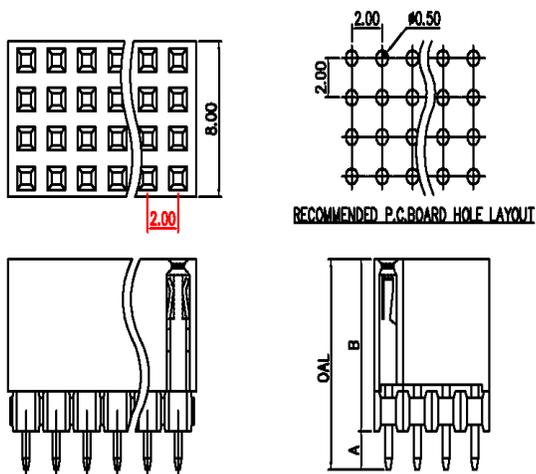
### PC104 PLUS, 120 PINS

NON-STACKTHROUGH      STACKTHROUGH

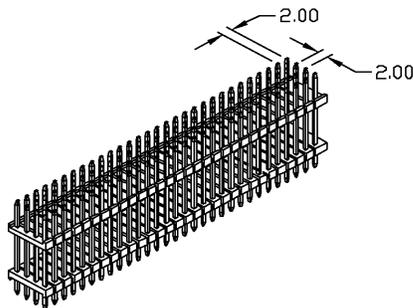




PIN CONFIGURATIONS			
	A	B	OAL
EPRa1-P3202Gf-L	12.19	11.05	23.24
EPRa1-P3202Gf-S	2.29	11.05	13.34
EPRa1-P2002Gf-L	12.19	11.05	23.24
EPRa1-P2002Gf-S	2.29	11.05	13.34
EPRb2-P3004Gf-L	12.00	9.35	21.25
EPRb2-P3004Gf-S	2.28	9.35	11.63



PC 104 J1/P1 "STACKTHROUGH" CONNECTORS	
EPRa1-P3202Gf-L	64 PINS PC104 CONNECTOR
PC 104 J1 "NON-STACKTHROUGH" CONNECTORS	
EPRa1-P3202Gf-S	64 PINS PC 104 CONNECTOR
PC104 J2/P2 "STACKTHROUGH" CONNECTORS	
EPRa1-P2002Gf-L	40 PINS PC104 CONNECTOR
PC104 J2 "NON-STACKTHROUGH" CONNECTORS	
EPRa1-P2002Gf-S	40 PINS PC104 CONNECTOR
PC104+ "STACKTHROUGH" CONNECTORS	
EPRb2-P3004Gf-L	120 PINS PC104+ CONNECTOR
PC104+ "NON-STACKTHROUGH" CONNECTORS	
EPRb2-P3004Gf-S	120 PINS PC104+ CONNECTOR
PCS-120-H	PC 104+ PLASTIC SHROUD



MMT Machrone also offer a special 2.0mm stacker for PC104 + stack through application.

Post Height and Stacker Height can be tailored to any length to fit your specific application, please call or e-mail us for the dimensions you need, we will build free samples for you !

**PC104 PLUS PLASTIC SHROUD**

