



# Phoenix Electronics Distribution Ltd.

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Terminal Blocks for PC-Boards - Solder Type

## Top Wire inlet Type - Screw in Front

Spacing 5 mm / .197" or 10 mm / .394"  
Height over PC-Board 7.5 mm / .295"

### Technical Data

#### Material

Contact: Brass (Cu Zn)  
(metal housing) Cu/Ni, tin plated  
Terminal screw: Steel galvanized and chromated  
Wire guard: Cu Sn 6  
Surface: Tin plated  
of solder tail:  
Insulator body: Polyester (Glass filled)  
(housing) (UL 94 V-0)

#### Electrical

Current rating: 20 Amp / way max.  
Resistance to tracking: KB 380

#### Mechanical

Operating temperatures: -33°C to + 120°C  
-22°F to + 248°F  
Soldering temperature: +260°C,  
5 seconds max  
+ 500°F  
5 seconds max.

For further technical details see below  
'How to order'

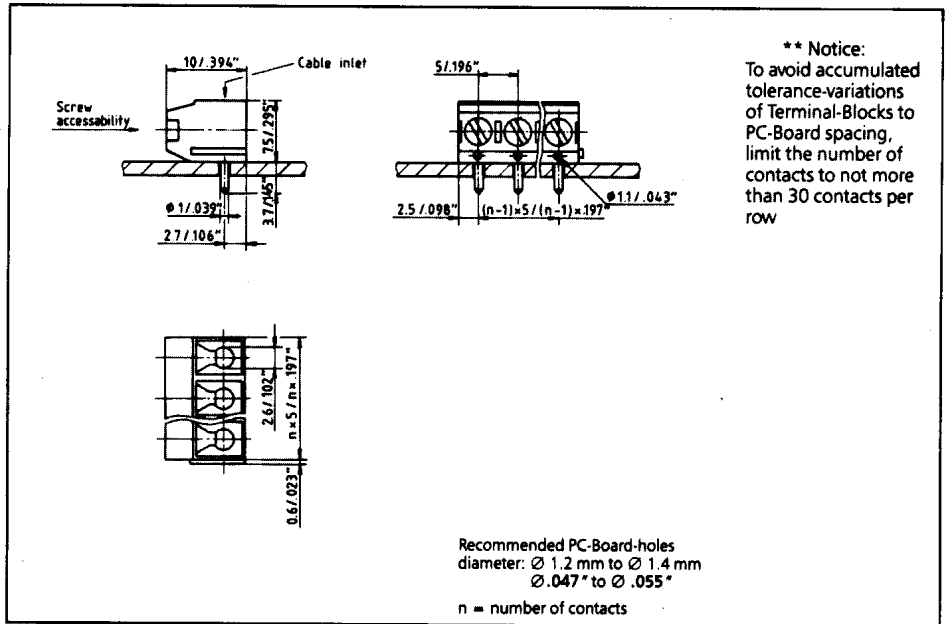
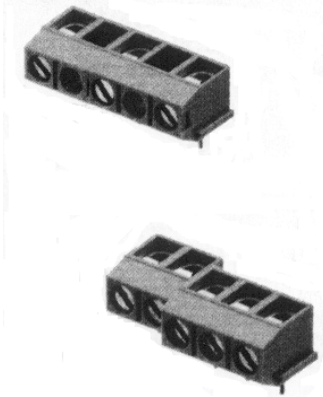
### Application and Features

This is special small design of only 7.5mm / .295" height which can help if space is a problem  
Standard sizes are 2 and 3 way blocks, but every number of contact can be combined, by simply plugging them together and can be ordered as required\*\*  
Now available moulded to size 2-24 way - add suffix MTS to part number  
With wire guard for wire protection (for that the screw doesn't press directly on the wire)

Approvals:

UL E 124838(S)

All dimensions in mm / inches



3 1 1 - x x x - x x x 0 (MTS)

Number of contacts		Pitch (Pin Spacing)		Wire Guard		Color		Marking	
Definition	Code	Definition	Code	Definition	Code	Definition	Code	Definition	Code
2 contacts (standard)	02 03 etc.	5 mm / .197"	1	No Wire Guard	0	Black	0	None	0
3 contacts (bas c blocks) (2 and 3 blocks are the standard version with multiples there of available)		10.0 mm / .394"	2	With Wire Guard	1	Blue (other colours available upon request)	6	With (markings available are: 1 to 100 or A to Z or custom specified)	1
Typical Mechanical and Electrical Specifications	Rated voltage (V-) VDE0110 group A group B		Rated cross section mm <sup>2</sup> /sq inches	Rated clamp range mm <sup>2</sup> sq. inches w/ thout wire guard		Terminal screw			
For spacing 5 mm / .197"	250	125	1.5 / .059"	1.5 / .059"		2.5 / .098"		M 2.6 x 4.5	
For spacing 10mm / .394"	380	250	1.5 / .059"	1.5 / .059"		2.5 / .098"		M 2.6 x 4.5	