

# Technical Data

## Material

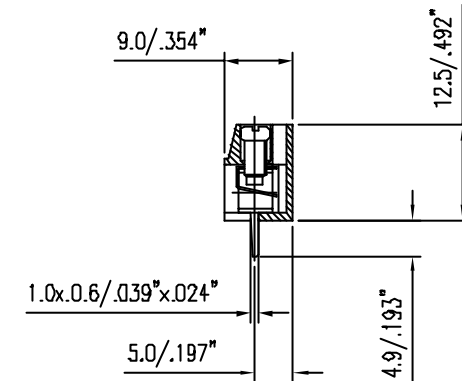
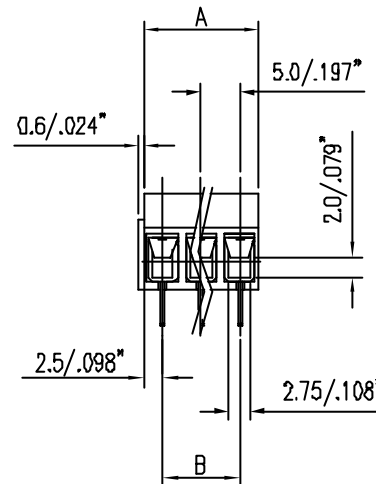
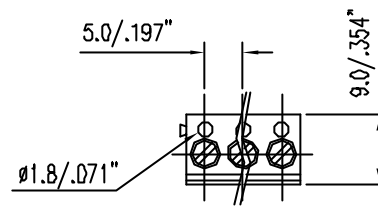
- Contact: Brass, Tin plated  
(metal housing)
- Terminal screw: Steel galvanized and chromated
- Wire guard: Brass, Tin plated
- Surface of soldering tail: Tin plated
- Insulator body: Poly Butylene Terephthlene, PBT(30% Glass filled)  
(housing)  
(UL 94 V-0)

## Electrical

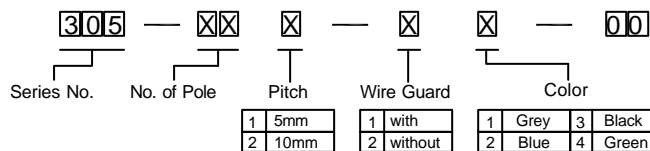
- Current rating: 16 Amp
- Resistance to tracking: 5MΩ
- Dielectric strength: 2500V
- Insulation withstands voltage: AC 1500V/Min
- Rated voltage: 250V
- Rated cross section: 2.5mm<sup>2</sup>
- Rated cross range with wire guard: 2.5mm<sup>2</sup>  
without wire guard: 4.0mm<sup>2</sup>
- AWG: 22 - 14
- Stripping Length: 4.5 - 5.0mm

## Mechanical

- Operating temperature: -30°C to + 120°C
- Short time peak temperature: +200°C max



## HOW TO ORDER



### \*\*Notice:

To avoid accumulating tolerance-variations of Terminal Blocks, limit the number of contacts to no more than 24 contacts per row

### Recommended PC-Board Holes

diameter:  $\phi$ 1.2mm to  $\phi$ .4mm

n = number of contacts

PITCH	Dimension A	Dimension B
5mm	(n - 1) x 5 + 5	(n - 1) x 5
10mm	(n - 1) x 10 + 5	(n - 1) x 10

Version	Changing record	Changed by	Date
03	Update Dimension Table	PENNY	25 JAN 07
02	Update Drawing	PENNY	1 SEP 06



TITLE: **Series 305 Terminal Block**

PART NO.: **305-XXX-XX-00**

DWG NO.: KB1259-3	REVISION: 03	UNIT: mm	DATE: 25 JAN 07	CUSTOMER P/N.:	SHEET: 1 of 1
PROJECT NO.:	NOT ON SCALE	TOLERANCE LEVEL:	DRAWN BY: PENNY	CHECK BY:	APPROVE BY:

CUSTOMER APPROVAL :

