

# Technical Data

## Material (block)

Contact: Brass (Cu Zn)  
 (metal housing) Cu/Ni, tin plated  
 Terminal screw: Steel galvanized and chromated Cu Sn 6

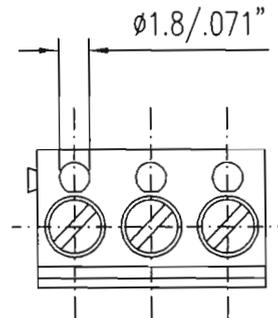
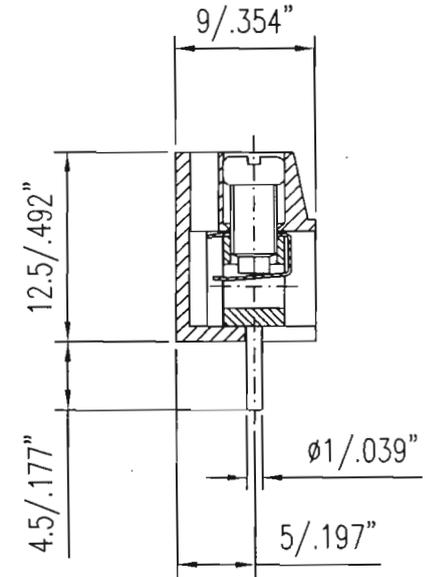
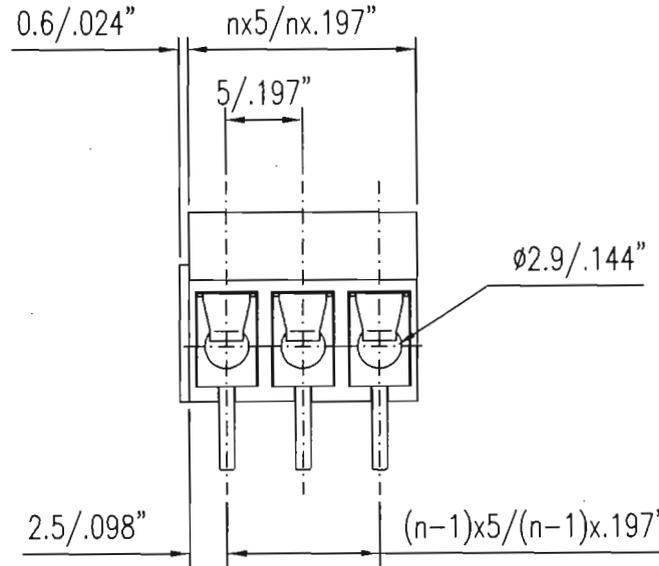
Wire guard: Tin plated  
 Surface of solder tail: Poly butylene  
 Insulator body: Terephthlene-PBT(30% Glass Filled)  
 (housing) (UL 94 V-0)

## Electrical

Current rating: 16 Amp  
 Resistance to tracking: 5M Ohm  
 Dielectric Strength: 2500V  
 Insulation Withstands Voltage: AC 1500V/Min  
 Rated Voltage: 250V  
 Rated cross section: 2.5mm<sup>2</sup>  
 Rated cross range: 2.5mm<sup>2</sup>  
 With wire guard: 4.0mm<sup>2</sup>  
 Without wire guard: 22-14  
 AWG: 22-14

## Mechanical

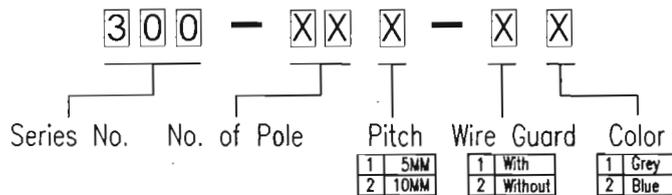
Operating temperatures: -30°C to +120°C  
 Short time peak temperature: +200°C max



Recommended PC-Board-Holes diameter: Ø1.2mm to Ø1.4mm  
 n = number of contacts

**\*\*Notice:**  
 To avoid accumulated tolerance-variations of Terminal-Blocks to PC - Board spacing limit the number of contacts to not more than 24 contacts per row

### HOW TO ORDER



**KARSON TECHNOLOGY LIMITED**

TITLE: **Series 300 Terminal Block**

www.karson-tech.com.hk

PART NO.:

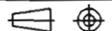
DWG NO.: KB1254-1

DATE: 29 OCT 01

UNIT: MM

SCALE: NTS

SHEET: OF



REV.: 01

PROJECT NO.:

DRAWN BY: LAM

CHECK BY:

APPROVE BY: