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5<sup>th</sup> May 2017

Dear Customer,

Anglia have been advised by the manufacturer Taicom that the tooling for the series listed below has been updated with immediate effect, this is due to the old tooling being beyond its serviceable life.

Taicom advise they have also taken this opportunity to revise the mouldings to improve the efficiency and yield of the production process. The revised parts have some minor dimensional and cosmetic appearance changes which do not impact the form, fit or function of the parts. Attached below are the old and new data sheets for comparison purposes.

Series affected by this notification

TBTxxA

Anglia operates a strict F.I.F.O system in our Distribution Centre therefore it may take some time for this change to filter through to customer deliveries.

Please ensure this information is circulated to the relevant persons within your organisation.

Yours Sincerely  
Anglia

## MULTILEVEL - 2 & 3 tier

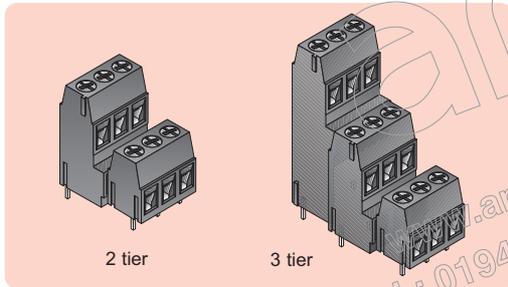
5.08mm PITCH

### TAICOM type TBS/KGN



A range of multilevel, pcb mounting terminal blocks with rising clamp screw terminals on a 5.08mm pitch. Choice of 2 or 3 tier, which provide a high density connection capability when board space is at a premium. The tiers are staggered to allow easy access to each level.

- ◆ 2 & 3 tier, multilevel
- ◆ 5.08mm pitch, 10A rating
- ◆ Interlocking (double dovetail)
- ◆ Rising clamp wire protection
- ◆ Combi screws suit pneumatic tools
- ◆ Staggered tiers for easy connection
- ◆ Ideal for high density applications
- ◆ Green UL94V-0 flame retardant bodies



2 TIER	Type	Manf. Part No. & anglia Order Code
	4 way	TBS 604K G N
	6 way	TBS 606K G N
	8 way	TBS 608K G N
	10 way	TBS 610K G N
	12 way	TBS 612K G N
	16 way	TBS 616K G N
	20 way	TBS 620K G N
	24 way	TBS 624K G N
3 TIER		
	6 way	TBS 706K G N
	9 way	TBS 709K G N
	12 way	TBS 712K G N
	15 way	TBS 715K G N
	18 way	TBS 718K G N
	24 way	TBS 724K G N
	30 way	TBS 730K G N
	36 way	TBS 736K G N

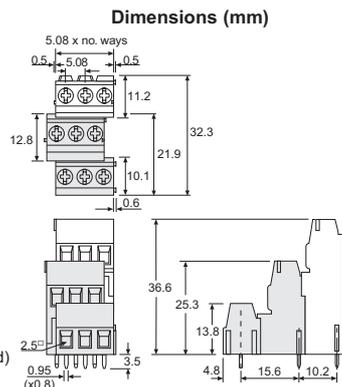
Other ways available to special order

#### Specification

**Materials**  
 Mouldings ..... Green glass filled polyamide to UL94V-0  
 Terminals ..... Brass, tin plated  
 Screws ..... M2.5, galvanised steel chromate finish  
 Rising clamps ..... Brass, tin plated

**Ratings (limited by pcb)**  
 Current rating ..... 10A  
 Voltage rating ..... 300Vac  
 Oper. temp. range ..... -33°C to +120°C

**Wire Size**  
 Range ..... 12 to 22awg  
 Metric capacity ..... 4.0mm<sup>2</sup> max. (solid)  
 2.5mm<sup>2</sup> max. (stranded)



## QUICK CONNECT

5mm PITCH

### TAICOM type TBT



Screwless pcb mounting blocks with a top entry, spring-loaded connection system. By simply depressing the actuators located on the front of the block wires can be quickly and easily connected or released. The blocks feature a dual row pin out (pitch 5.0 x 7.62mm) to give extra stability when mounted on the pcb, as well as to give a superior current handling capability. Choice of 2 to 12 way.

- ◆ Screwless, quick connect/release design
- ◆ Top entry, spring retention
- ◆ 5mm pitch, 15A rating
- ◆ 14mm height
- ◆ Green body, orange actuators
- ◆ UL94V-0 flame retardant



Type	Manf. Part No. & anglia Order Code
2 way	TB T02A
3 way	TB T03A
4 way	TB T04A
5 way	TB T05A
6 way	TB T06A
7 way	TB T07A
8 way	TB T08A
9 way	TB T09A
10 way	TB T10A
11 way	TB T11A
12 way	TB T12A

Other ways available to special order

#### Specification

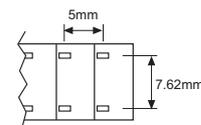
Body ..... UL94V-0  
 Nylon FR15  
 Current rating† ..... 15A  
 Voltage rating† ..... 300Vac  
 Wire size range ..... 0.3 to 2mm<sup>2</sup>  
 Oper. temp. range ..... -55 C to +105 C

† limited by pcb

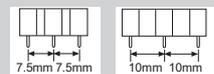
#### Dimensions (mm)

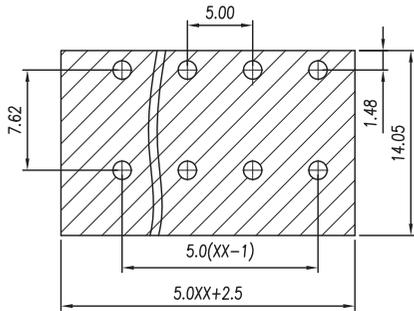
Length ..... 5.0 x no. ways  
 + 4mm  
 Height ..... 14  
 Depth ..... 13  
 Pin size ..... 0.9 x 0.5  
 Pitch ..... 5.0 x 7.62

#### Footprint (Pin View)

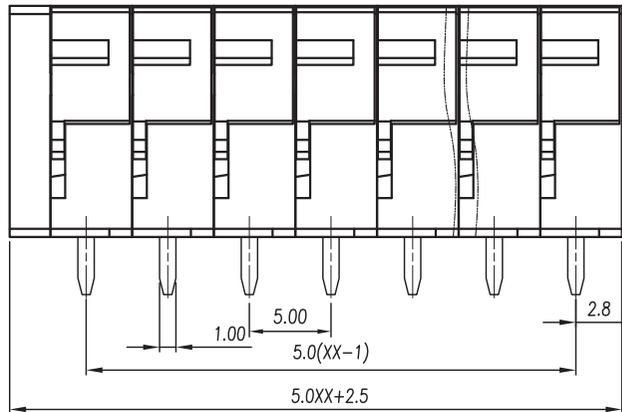
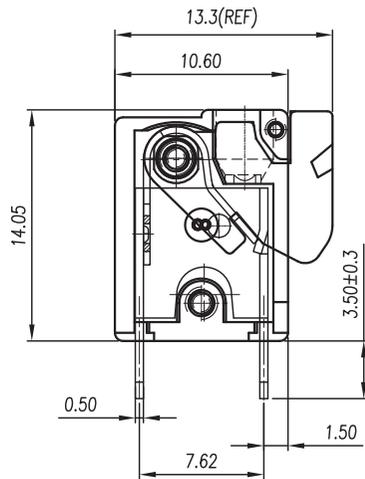
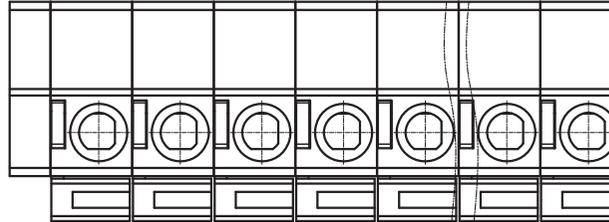


The above blocks are also available with a wider 7.5 & 10mm pitch pin spacing for improved isolation.





P.C.B. LAYOUT



## SPECIFICATION

Current Rating : 10A AC/DC  
 Voltage Rating : 300V AC/DC  
 Operation Temperature : -40°C to +105°C  
 Contact Resistance : 20mΩ max.  
 Insulation Resistance : 500MΩ Min.  
 Wire Range : 24-14AWG 1.5mm<sup>2</sup>  
 Withstand Voltage : 2000V AC/minute

Mechanical  
 Strip length : 10-11mm  
 Soldering : +250°C Max for 5 sec  
 Pitch : 5.0mm  
 Poles : 2-24p

Housing : PA66, UL94V-0  
 Wire Guard: Stainless steel  
 Pin Header : Copper alloy, Sn plated

linear dimension(Tolerances Standard GB/T 14486-2008)		≡	—	□	//	⊥										
variable range	to 6	over 6 to 10	over 10 to 18	over 18 to 30	over 30 to 50	over 50 to 80	over 80 to 120	over 120 to 160	over 160 to 200	over 200 to 250	over 250 to	all	to 5	over 5 to 30	over 30 to 120	over 120 to
tolerance	±0.1	±0.14	±0.19	±0.25	±0.32	±0.45	±0.57	±0.72	±0.88	±1.05	±1.25	0.5	0.025	0.06	0.12	0.4

RoHS Compliant

## Taicom TBTxxA

Title : Screwless, Vertical, 5mm Pitch

Tolerance (Unless Specified) :  
 .x = ±0.20  
 .xx = ±0.15

Dim : (mm)

Angle :