

TAICOM type TPH, TFH & TMJ

INTRODUCTION

A wide range of pin headers and sockets available in a choice of 2mm or 2.54mm industry standard pitch configurations with each size offering single and double row formats. Black UL94V-0 flame retardant mouldings are employed throughout, which are end and side stackable, with pins and contacts gold over nickel plated for higher reliability. Provides a simple and cost effective solution to pcb interconnection. A surface mount option is provided in 2mm pitch which employs end stackable mouldings in double row format only. Consists of straight pin headers and top entry sockets.

- ◆ Choice of **2mm** or **2.54mm** pitch
- ◆ Wide selection of ways
- ◆ Single and double row
- ◆ Orientation options provided
- ◆ Gold over nickel pins & contacts
- ◆ Flame retardant insulators & bodies
- ◆ Mini jumper links available
- ◆ Very cost effective system
- ◆ Option of SMD in 2mm pitch (straight/top entry - double row only)

Specification

Pin Headers

Termination pins	Brass, gold over nickel plated
Insulators	Black polyester (2mm pitch) Black glass filled PBT (2.54mm pitch) flame retardant to UL94V-0
Current rating	1A
Proof voltage	500Vac
Insulation resistance (min) at 500Vdc	5000MΩ (2mm pitch) 1000MΩ (2.54mm pitch)
Operating temperature range	-40°C to +105°C (2mm pitch) -55°C to +105°C (2.54mm pitch)

Sockets

Contacts	Phosphor bronze, gold over nickel plated on contact areas, tin plated over nickel on solder pins
Body	Black polyester (2mm pitch) Black glass filled PBT (2.54mm pitch) flame retardant to UL94V-0
Current rating	1A
Proof voltage	500Vac
Contact resistance (max)	20mΩ (2mm pitch) 30mΩ (2.54mm pitch)
Insulation resistance (min)	5000MΩ (2mm pitch) 1000MΩ (2.54mm pitch)
Operating temperature range	-40°C to +105°C (2mm pitch) -55°C to +105°C (2.54mm pitch)

Mini Jumper Links

Contacts	Phosphor bronze, gold over nickel plated
Body	Glass filled PBT flame retardant to UL94V-0 (open/closed only)
Current rating	1A (2mm pitch) 3A (2.54mm pitch)
Proof voltage	500Vac
Contact resistance (max)	20mΩ
Insulation resistance (min)	5000MΩ (2mm pitch) 1000MΩ (2.54mm pitch)
Operating temperature range	-55°C to +105°C

For the very latest information and news on the full range of TAICOM products available from Anglia, visit our website :

www.anglia.com/taicom

Alternatively, contact our Sales Desk to discuss your specific requirements.

FOR REFERENCE PURPOSES ONLY

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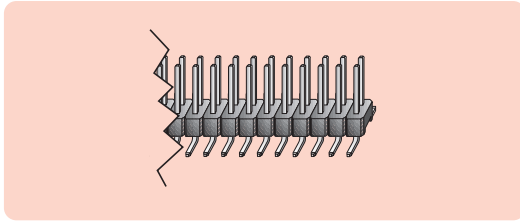
2mm PITCH



A range of 2mm pitch surface mount pin headers and sockets, in double row format, which will enable a complete pcb interconnection system to be developed. The pin headers have 0.5mm square termination pins and may be broken down to the required amount of ways. The headers will also accept mini jumper links, shown on page 199, for bussing, programming and switch replacement.

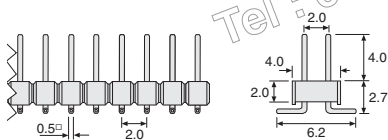
PIN HEADERS DOUBLE ROW

Choice of 2 to 25 way (4 to 50 pins) in straight form. Pins gold over nickel plated for higher reliability.
N.B. Other pre-cut double row headers available to special order.

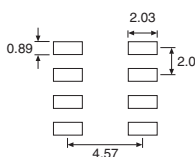


Type	Manf. Part No. & anglia Order Code
STRAIGHT	
2 way	TPH02BDSSM
3 way	TPH03BDSSM
4 way	TPH04BDSSM
5 way	TPH05BDSSM
6 way	TPH06BDSSM
7 way	TPH07BDSSM
8 way	TPH08BDSSM
9 way	TPH09BDSSM
10 way	TPH10BDSSM
11 way	TPH11BDSSM
12 way	TPH12BDSSM
13 way	TPH13BDSSM
14 way	TPH14BDSSM
15 way	TPH15BDSSM
16 way	TPH16BDSSM
17 way	TPH17BDSSM
18 way	TPH18BDSSM
19 way	TPH19BDSSM
20 way	TPH20BDSSM
21 way	TPH21BDSSM
22 way	TPH22BDSSM
23 way	TPH23BDSSM
24 way	TPH24BDSSM
25 way	TPH25BDSSM

Dimensions (mm)

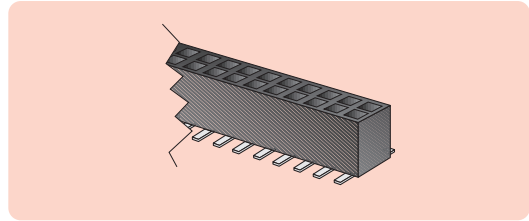


Pad Pattern



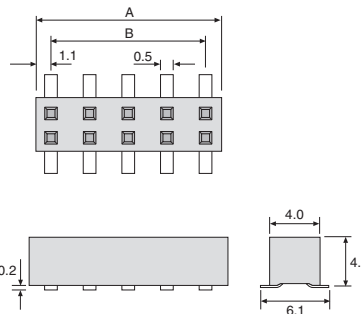
SOCKETS DOUBLE ROW

Choice of 4 to 25 way (8 to 50 contacts) top entry sockets. Contacts gold over nickel plated for higher reliability.
N.B. Other ways available to special order.

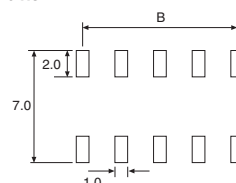


Type	Manf. Part No. & anglia Order Code
TOP ENTRY	
4 way	TFH04BDSSM
5 way	TFH05BDSSM
6 way	TFH06BDSSM
7 way	TFH07BDSSM
8 way	TFH08BDSSM
9 way	TFH09BDSSM
10 way	TFH10BDSSM
11 way	TFH11BDSSM
12 way	TFH12BDSSM
13 way	TFH13BDSSM
14 way	TFH14BDSSM
15 way	TFH15BDSSM
16 way	TFH16BDSSM
17 way	TFH17BDSSM
18 way	TFH18BDSSM
19 way	TFH19BDSSM
20 way	TFH20BDSSM
21 way	TFH21BDSSM
22 way	TFH22BDSSM
23 way	TFH23BDSSM
24 way	TFH24BDSSM
25 way	TFH25BDSSM

Dimensions (mm)



Pad Pattern



Ways	A	B
4	8.10	6.0
5	10.10	8.0
6	12.10	10.0
7	14.10	12.0
8	16.10	14.0
9	18.10	16.0
10	20.15	18.0
11	22.15	20.0
12	24.15	22.0
13	26.15	24.0
14	28.15	26.0
15	30.15	28.0
16	32.15	30.0
17	34.15	32.0
18	36.15	34.0
19	38.15	36.0
20	40.20	38.0
21	42.20	40.0
22	44.20	42.0
23	48.20	44.0
24	48.20	46.0
25	50.20	48.0

2mm PITCH

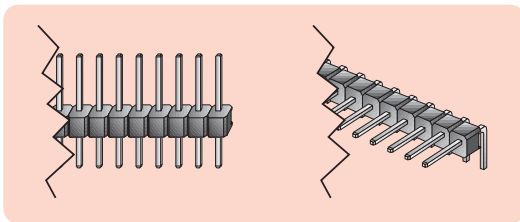
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PIN HEADERS

A range of 2mm pitch, pcb mounting pin headers which may be broken down to the required amount of ways. Choice of single or double row, straight or right-angle, 0.5mm square termination pins. Matching pcb sockets are shown opposite together with mini jumper links for bussing, programming and switch replacement.

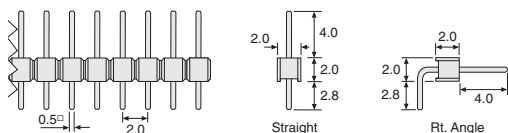
SINGLE ROW

Choice of 2 to 40 way in straight or right angle form. Pins gold over nickel plated for higher reliability.
N.B. Other pre-cut single row headers available to special order.



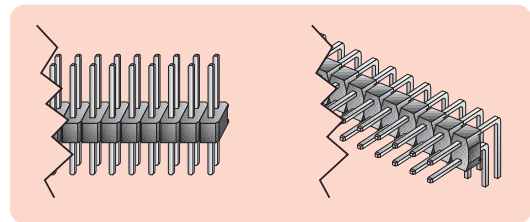
Type	Manf. Part No. & anglia Order Code
STRAIGHT	
2 way	TPH02BSS
3 way	TPH03BSS
4 way	TPH04BSS
5 way	TPH05BSS
6 way	TPH06BSS
8 way	TPH08BSS
10 way	TPH10BSS
12 way	TPH12BSS
18 way	TPH18BSS
20 way	TPH20BSS
25 way	TPH25BSS
40 way	TPH40BSS
RT. ANGLE	
2 way	TPH02BSR
3 way	TPH03BSR
4 way	TPH04BSR
5 way	TPH05BSR
6 way	TPH06BSR
8 way	TPH08BSR
10 way	TPH10BSR
12 way	TPH12BSR
20 way	TPH20BSR
25 way	TPH25BSR
40 way	TPH40BSR

Dimensions (mm)



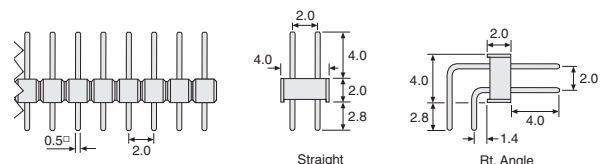
DOUBLE ROW

Choice of 2 to 40 way (4 to 80 pins) in straight or right angle form. Pins gold over nickel plated for higher reliability.
N.B. Other pre-cut double row headers available to special order.



Type	Manf. Part No. & anglia Order Code
STRAIGHT	
2 way	TPH02BDS
3 way	TPH03BDS
4 way	TPH04BDS
5 way	TPH05BDS
6 way	TPH06BDS
8 way	TPH08BDS
10 way	TPH10BDS
12 way	TPH12BDS
20 way	TPH20BDS
25 way	TPH25BDS
40 way	TPH40BDS
RT. ANGLE	
2 way	TPH02BDR
3 way	TPH03BDR
4 way	TPH04BDR
5 way	TPH05BDR
6 way	TPH06BDR
8 way	TPH08BDR
10 way	TPH10BDR
12 way	TPH12BDR
20 way	TPH20BDR
25 way	TPH25BDR
40 way	TPH40BDR

Dimensions (mm)



PRE-CUT PIN HEADERS WITH FITTED JUMPER LINKS
available to special order

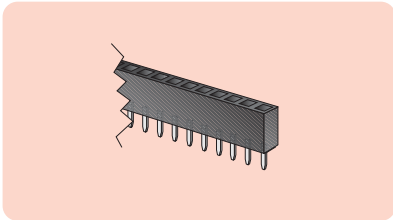
2mm PITCH

SOCKETS

Used in conjunction with our pin headers, shown opposite, these pcb mounting sockets will enable a complete pcb interconnection system to be developed. Their 2mm pitch socket contacts, gold over nickel plated, accept 0.5mm square pins and are available in single or double row top entry form with a choice of ways.

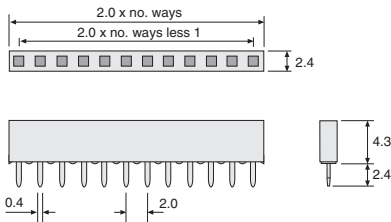
SINGLE ROW

Choice of 3 to 40 way top entry sockets. Contacts gold over nickel plated for higher reliability.
N.B. Other ways and side entry types available to special order.



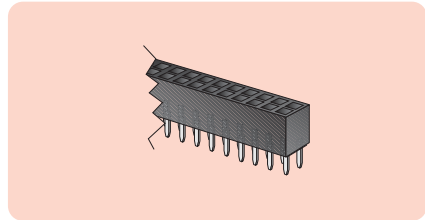
Type	Manf. Part No. & anglia Order Code
TOP ENTRY	
3 way	TFH03BSS
4 way	TFH04BSS
5 way	TFH05BSS
6 way	TFH06BSS
8 way	TFH08BSS
10 way	TFH10BSS
12 way	TFH12BSS
18 way	TFH18BSS
20 way	TFH20BSS
25 way	TFH25BSS
40 way	TFH40BSS

Dimensions (mm)



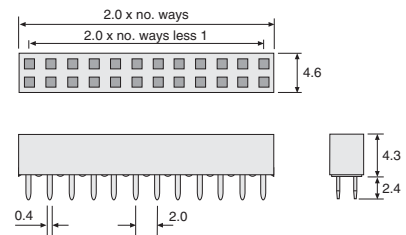
DOUBLE ROW

Choice of 3 to 40 way (6 to 80 contacts) top entry sockets. Contacts gold over nickel plated for higher reliability.
N.B. Other ways and side entry types available to special order.



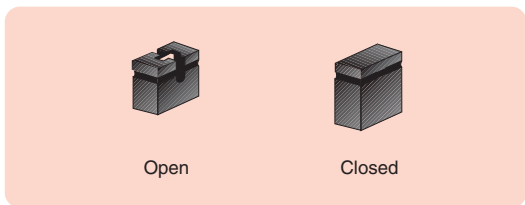
Type	Manf. Part No. & anglia Order Code
TOP ENTRY	
3 way	TFH03BDS
4 way	TFH04BDS
5 way	TFH05BDS
6 way	TFH06BDS
8 way	TFH08BDS
10 way	TFH10BDS
12 way	TFH12BDS
20 way	TFH20BDS
25 way	TFH25BDS
40 way	TFH40BDS

Dimensions (mm)



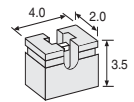
MINI JUMPER LINKS

2mm pitch shorting links for use with the surface mount and through hole 0.5mm square pin headers shown on the previous pages. Contacts gold over nickel plated for higher reliability. Choice of open or closed type. Colour black. End and side stackable.



Open type
Allows test probe access.

Manf. Part No. & anglia Order Code
TMJ00B



Dimensions (mm)

Closed type
Fully covered link.

Manf. Part No. & anglia Order Code
TMJ00BC

