

TAICOM type TRJ

A range of RJ plugs and sockets manufactured to industry standard arrangements and designed for use in data/communications equipment. The FCC-68 compatible connectors may be used in a multitude of applications such as computer networking, telecommunications and data transfer. The plugs are available in a choice of flat or round cable styles with an option of shielded body on 8 and 10 way. The pcb sockets can be supplied in either vertical, right angle (through hole and SMD), shielded right angle and right angle versions with integral LED's to indicate data transfer in single and quad (ganged) configurations.



Specification

Materials & Finishes

PLUGS

Contacts Copper alloy, gold plated
 Body Clear polycarbonate, flame retardant to UL94V-2
 Shield Brass, nickel plated

PCB SOCKETS

Contacts Phosphor bronze, gold over nickel plated on contact area, tin plated over nickel on solder pins (right angle, standard profile - phosphor bronze, gold over nickel plated throughout)
 Body Black glass filled PBT or polyester, flame retardant to UL94V-2, UL94V-0 SMD and LED types (right angle, standard profile - grey glass filled PBT, flame retardant to UL94V-0)
 Shield Copper alloy, tin plated

Electrical

Current rating 1.5A (1A - right angle pcb sockets, through hole standard profile & LED indicator types and SMD version)
 Voltage rating 125Vdc, SMD 150Vac/dc
 Proof voltage 1000Vac, SMD 500Vac
 Contact resistance (max.) 30mΩ, SMD 20mΩ
 Insulation resistance (min.) 500MΩ, SMD 1000MΩ

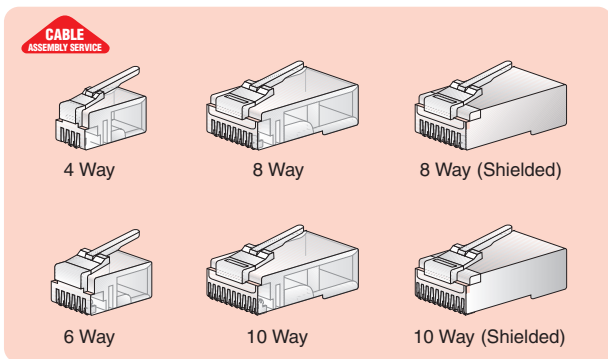
Mechanical

Mating cycles 500

- ◆ Industry standard RJ
- ◆ FCC-68 compatible
- ◆ Wide variety of plugs
- ◆ Choice of pcb sockets
- ◆ SMD version available
- ◆ LED indicator versions including quad ganged available
- ◆ Gold plated contacts
- ◆ Flame retardant materials

PLUGS

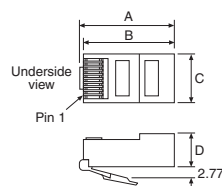
Clear moulded plugs offering a wide variety of ways and contacts together with a choice of cable style. A metal shielded plug option is provided on 8 and 10 way. Contacts are gold plated throughout.



Number of Ways/Contacts	Body Style	Cable Style
4 / 2	RJ	Flat Cable
4 / 4	RJ	Flat Cable
4 / 4	RJ	Round Cable
6 / 2	RJ	Flat Cable
6 / 4	RJ11	Flat Cable
6 / 6	RJ12	Flat Cable
6 / 6	RJ12	Round Cable
8 / 4	RJ	Flat Cable
8 / 6	RJ	Flat Cable
8 / 8	RJ45	Flat Cable
8 / 8	RJ45	Round Cable
8 / 8	Shielded RJ45	Flat Cable
8 / 8	Shielded RJ45	Round Cable
10 / 10	RJ	Flat Cable
10 / 10	RJ	Round Cable
10 / 10	Shielded RJ	Round Cable

Manf. Part No. & Anglia Order Code
TRJ42P
TRJ44P
TRJ44PC
TRJ62P
TRJ64P
TRJ66P
TRJ66PC
TRJ84P1
TRJ86P1
TRJ88P1
TRJ88P1C
TRJ88P1S
TRJ88P1SC
TRJ1010P1
TRJ1010P1C
TRJ1010P1SC

Dimensions (mm)



Ways	A	B	C	D
4	13.35	12.43	7.62	6.6
6	13.35	12.43	9.65	6.6
8	22.52	21.45	11.65	8.0
8*	22.85	21.65	11.70	8.4
10	22.52	21.45	11.65	8.0
10*	22.85	21.65	11.70	8.4

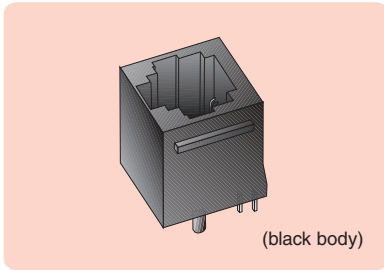
* Shielded



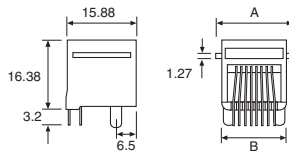
PCB SOCKETS

Moulded sockets in a variety of ways and contacts. Choice of mounting orientation with the right angle version available in low and standard profile or the option of a metal shielded body. Contacts areas are gold plated.

Vertical



Dimensions (mm)



Ways	A	B	C
4	13.97	11.43	7.62
6	16.00	13.46	10.16
8	18.03	15.49	11.43
10	18.03	15.49	11.43

Number of Ways/Contacts

- 4 / 4
- 6 / 2
- 6 / 4
- 6 / 6
- 8 / 8
- 10 / 10

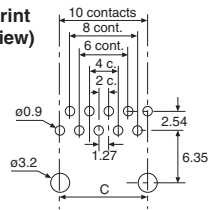
Body Style

- RJ
- RJ
- RJ11
- RJ12
- RJ45
- RJ

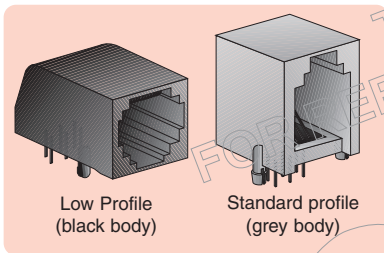
Manf. Part No. & Anglia Order Code

- TRJ44SV
- TRJ62SV
- TRJ64SV
- TRJ66SV
- TRJ88SV
- TRJ1010SV

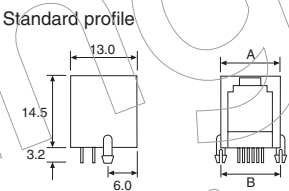
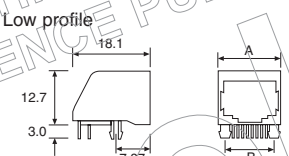
Footprint (pin view)



Right Angle choice of profile



Dimensions (mm)



Ways	A	B
Low profile		
6	13.30	10.16
8	15.10	11.43
10	15.10	11.43
Standard profile		
4	10.0	10.0
6	12.2	12.0

Number of Ways/Contacts

- Low profile
- 6 / 2
- 6 / 4
- 6 / 6
- 8 / 8
- 10 / 10

Standard profile

- 4 / 4
- 6 / 4
- 6 / 6

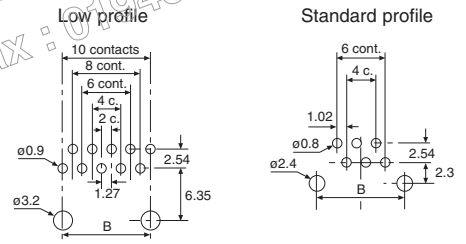
Body Style

- RJ
- RJ11
- RJ12
- RJ45
- RJ

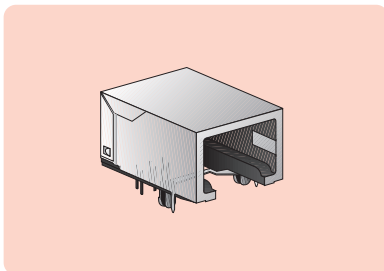
Manf. Part No. & Anglia Order Code

- TRJ62SR
- TRJ64SR
- TRJ66SR
- TRJ88SR
- TRJ1010SR
- TRJ44SR1
- TRJ64SR1
- TRJ66SR1

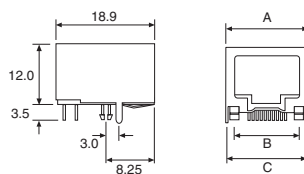
Footprint (pin view)



Right Angle, Shielded



Dimensions (mm)



Ways	A	B	C
6	13.70	10.16	13.50
8	15.80	11.43	15.30
10	15.80	11.43	15.30

Number of Ways/Contacts

- 6 / 6
- 8 / 8
- 10 / 10

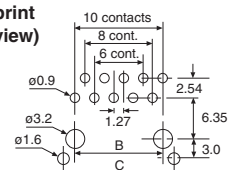
Body Style

- RJ12
- RJ45
- RJ

Manf. Part No. & Anglia Order Code

- TRJ66SRS
- TRJ88SRS
- TRJ1010SRS

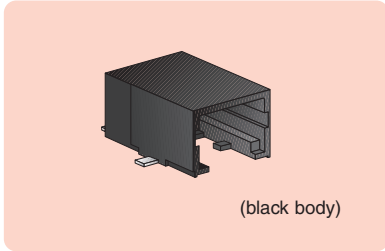
Footprint (pin view)



PCB SOCKETS

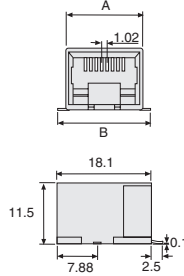
SMD Right Angle

SMD



(black body)

Dimensions (mm)



Ways	A	B	C
6	13.00	16.30	9.00
8	15.10	18.30	11.00

Number of Ways/Contacts

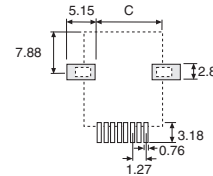
6 / 6
8 / 8

Body Style

RJ12
RJ45

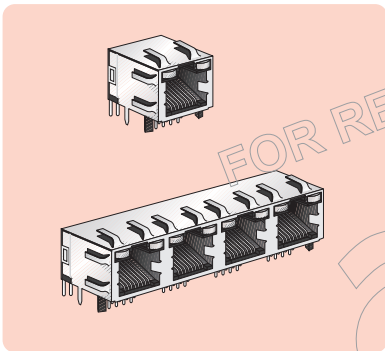
Manf. Part No. & anglia Order Code

TRJ66SR-SM
TRJ88SR-SM



Pad Pattern

Right Angle, Shielded with integral yellow/green LED indicators



Number of Ways/Contacts

Single socket
8 / 8

Body Style

RJ45

Manf. Part No. & anglia Order Code

TRJ88SRS2

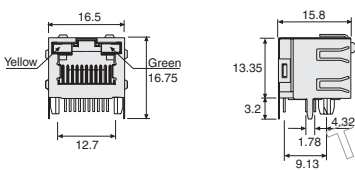
Quad socket (ganged)
8 / 8

RJ45

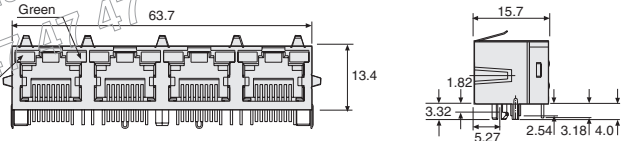
TRJ88SRS5

Dimensions (mm)

Single socket

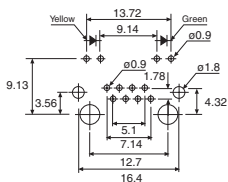


Quad socket (ganged)



Footprint (pin view)

Single socket



Quad socket (ganged)

