

## RSP/RSJ Standard Thermocouple & RTD Connectors

Standard connectors for Thermocouple and RTD circuits.  
Solid pin design ensures good contact even in demanding applications.

- RSP/RSJ (Standard Temp. +200°C): Glass filled high quality thermoplastic body
- RSPH/RSJH (High Temp. +350°C): Thermoset body material
- RSPU/RSJU (Ultra High Temp +425°C): Thermoset body compound designed for use at elevated temperatures. Includes stainless steel bracket and screws to increase strength. +425°C continuous rating, +540°C intermittent rating
- RSPC/RSJC (High Temp. Ceramic +650°C): High purity alumina body material
- RSPD/RSJD (Duplex +200°C): Glass filled high quality thermoplastic body. Ideally suited for 4-wire RTD's or Duplex thermocouples
- RSPT/RSJT (3-Pin +200°C): Glass filled high quality thermoplastic body. Third connection for ground, or continuous shield protection, or for 3-wire RTD's
- Original thermocouple material pins and spring loaded inserts
- Polarized pins ensure proper connection
- Easy wire connection through sandwich construction
- Moulded barriers prevent short circuit
- Stainless Steel screws with combination head (slotted and Phillips)
- Rugged one body design

### Wire Size

- RSP/RSJ, RSPH/RSJH: Accepts wires up to 2.0mm (8.0mm cable Ø max)
- All others: Accepts wires up to 1.6mm (8.0mm cable Ø max)

### Plug Dimensions (mm)

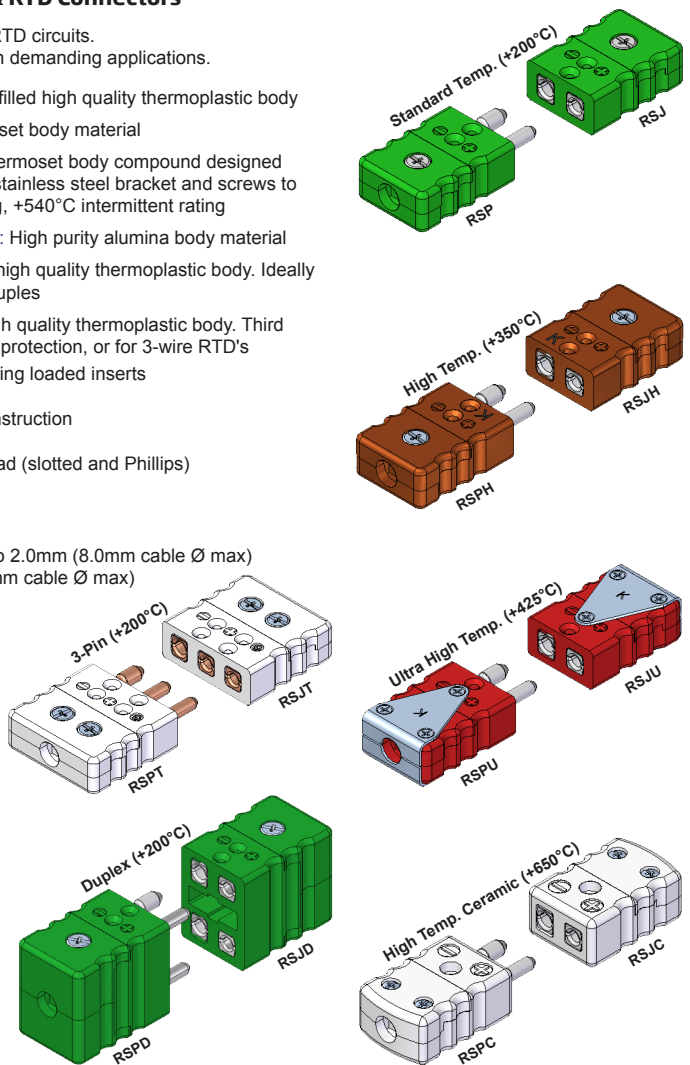
All plugs have 15mm length pins

- RSP: (W) 25.4 x (L) 35 x (D) 12.8
- RSPH: (W) 25.4 x (L) 35 x (D) 12.8
- RSPU: (W) 25.4 x (L) 36 x (D) 14.4
- RSPC: (W) 25.4 x (L) 37.5 x (D) 15.8
- RSPD: (W) 25.4 x (L) 36.7 x (D) 32
- RSPT: (W) 36.5 x (L) 35 x (D) 12.8

### Socket Dimensions (mm)

- RSJ: (W) 25.4 x (L) 35 x (D) 12.8
- RSJH: (W) 25.4 x (L) 35 x (D) 12.8
- RSJU: (W) 25.4 x (L) 36 x (D) 14.4
- RSJC: (W) 25.4 x (L) 37.5 x (D) 16
- RSJD: (W) 25.4 x (L) 36.7 x (D) 32
- RSJT: (W) 36.5 x (L) 35 x (D) 12.8

Working in partnership with



Hollow pin connectors also available - contact sales for further information

Calibration Code	K	J	T	N	E	R/S	B	C	RTD		
Positive Material	NiCr	Fe	Cu	NiCrSi	NiCr	Cu	Cu	CPX	Cu		
Negative Material	NiAl	CuNi	CuNi	NiSi	CuNi	Alloy#11	Cu	CNX	Cu		
IEC Colour	Green	Black	Brown	Pink	Violet	Orange	Grey	Red	White		
ANSI Colour *	Yellow	Black	Blue	Orange	Violet	Green	Grey	Red	White		
Order Code	Standard Temp. (+200°C) (best seller)	Plug †	RSP-K	RSP-J	RSP-T	RSP-N	RSP-E	RSP-R	RSP-B	RSP-C	RSP-U
		Socket	RSJ-K	RSJ-J	RSJ-T	RSJ-N	RSJ-E	RSJ-R	RSJ-B	RSJ-C	RSJ-U
	High Temp. (+350°C)	Plug †	RSPH-K	RSPH-J	RSPH-T	RSPH-N	RSPH-E	RSPH-R	RSPH-B	RSPH-C	RSPH-U
		Socket	RSJH-K	RSJH-J	RSJH-T	RSJH-N	RSJH-E	RSJH-R	RSJH-B	RSJH-C	RSJH-U
	Ultra High Temp. (+425°C)	Plug †	RSPU-K	RSPU-J	RSPU-T	RSPU-N	RSPU-E	RSPU-R	RSPU-B	RSPU-C	RSPU-U
		Socket	RSJU-K	RSJU-J	RSJU-T	RSJU-N	RSJU-E	RSJU-R	RSJU-B	RSJU-C	RSJU-U
	High Temp. Ceramic (+650°C)	Plug †	RSPC-K	RSPC-J	RSPC-T	RSPC-N	RSPC-E	RSPC-R	RSPC-B	RSPC-C	RSPC-U
		Socket	RSJC-K	RSJC-J	RSJC-T	RSJC-N	RSJC-E	RSJC-R	RSJC-B	RSJC-C	RSJC-U
	Duplex (+200°C)	Plug	RSPD-K	RSPD-J	RSPD-T	RSPD-N	RSPD-E	RSPD-R	RSPD-B	RSPD-C	RSPD-U
		Socket	RSJD-K	RSJD-J	RSJD-T	RSJD-N	RSJD-E	RSJD-R	RSJD-B	RSJD-C	RSJD-U
	3-Pin (+200°C)	Plug	RSPT-K	RSPT-J	RSPT-T	RSPT-N	RSPT-E	RSPT-R	RSPT-B	RSPT-C	RSPT-U
		Socket	RSJT-K	RSJT-J	RSJT-T	RSJT-N	RSJT-E	RSJT-R	RSJT-B	RSJT-C	RSJT-U

\* Suffix order code with 'A' for ANSI colours (e.g. RSP-KA)

† Type C plug only available with hollow pins

