

RC / TU Series Contact Inserts with Dip Solder Contacts 6 to 17-Positions

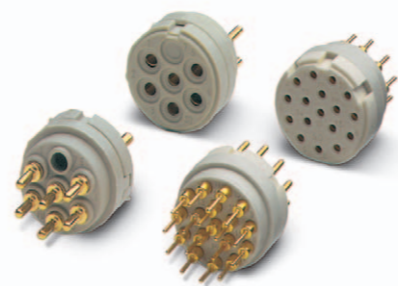
Contact inserts with dip solder contacts allow efficient mounting on printed circuit boards. This reduces assembly times and wiring mistakes.

Ordering instructions:

The first step is to determine the number of positions and the connection type – Male or female.

The free solder pin length A, B, C or D is the distance between the mounting flange of the panel mounting connector and the end of the dip solder contact. This distance includes the housing wall thickness and the air gap to the printed circuit board.

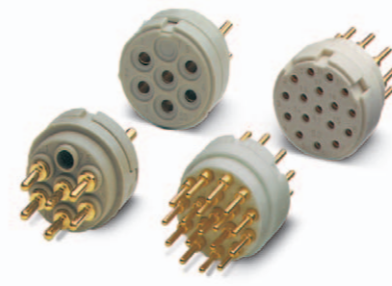
Further contact inserts/
dip solder contacts available on request.



Contact insert and dip solder contacts
male / female

Free solder pin length A

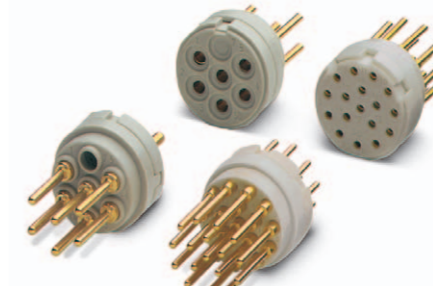
Description	Contact type/Numbering	Type	Dip solder pin Ø [mm]	Order No.	Pcs. Pkt.
Dip solder contact insert 6-pos. Contacts: 6 x Ø2.0 mm	Male/Standard	RC-06P1N220000	1.5	15 93 39 5	10
	Female/Standard	RC-06S1N220000		15 94 00 2	
Dip solder contact insert 9-pos. (6+3) Contacts: 6 x Ø1.0 mm, 3 x Ø2.0 mm	Male/Standard	RC-63P1N220000	6 x 0.6 / 3 x 1.5	16 03 63 7	10
	Female/Standard	RC-63S1N220000		16 03 76 4	
Dip solder contact insert 9-pos. (8+1) Contacts: 8 x Ø1.0 mm, 1 x Ø2.0 mm	Male/Standard	RC-09P1N220000	8 x 0.6 / 1 x 1.5	16 06 99 9	10
	Female/Standard	RC-09S1N220000		15 96 27 9	
Dip solder contact insert 12-pos. Contacts: 12 x Ø1.0 mm	Male/Standard	RC-12P1N220000	0.6	15 97 40 2	10
	Female/Standard	RC-12S1N220000		15 99 07 9	
Dip solder contact insert 17-pos. Contacts: 17 x Ø1.0 mm	Male/Standard	RC-17P1N220000	0.6	16 07 00 9	10
	Female/Standard	RC-17S1N220000		16 07 01 1	



Contact insert and dip solder contacts
male / female

Free solder pin length B

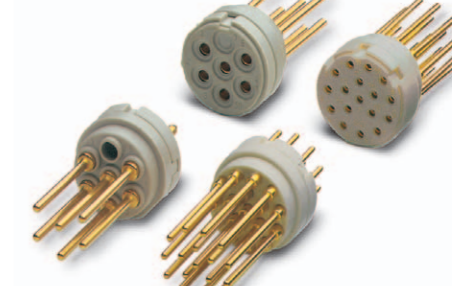
Type	Dip solder pin Ø [mm]	Order No.	Pcs. Pkt.
RC-06P1N320000	1.5	16 06 99 1	10
RC-06S1N320000		16 06 99 4	
RC-63P1N320000	6 x 1.0 / 3 x 1.5	16 03 64 0	10
RC-63S1N320000		16 03 76 7	
RC-09P1N320000	8 x 1.0 / 1 x 1.5	16 07 00 0	10
RC-09S1N320000		16 07 00 3	
RC-12P1N320000	1.0	16 07 00 6	10
RC-12S1N320000		16 07 00 7	
RC-17P1N320000	1.0	16 07 01 0	10
RC-17S1N320000		16 07 01 3	



Contact insert and dip solder contacts
male / female

Free solder pin length C

Type	Dip solder pin Ø [mm]	Order No.	Pcs. Pkt.
RC-06P1NA20000	1.5	15 93 53 1	10
RC-06S1NA20000		15 94 14 9	
RC-63P1NA20000	6 x 1.2 / 3 x 1.5	16 03 64 5	10
RC-63S1NA20000		16 03 77 4	
RC-09P1NA20000	8 x 1.2 / 1 x 1.5	15 95 50 7	10
RC-09S1NA20000		15 96 42 1	
RC-12P1NA20000	1.2	15 97 64 3	10
RC-12S1NA20000		16 07 00 8	
RC-17P1NA20000	1.2	16 01 63 8	10
RC-17S1NA20000		16 07 01 4	



Contact insert and dip solder contacts
male / female

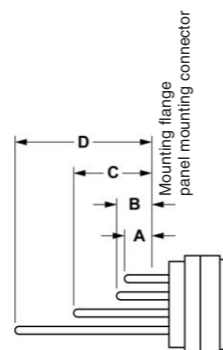
Free solder pin length D

Type	Dip solder pin Ø [mm]	Order No.	Pcs. Pkt.
RC-06P1NC20000	1.5	16 06 99 3	10
RC-06S1NC20000		16 06 99 6	
RC-63P1NC20000	6 x 1.2 / 3 x 1.5	16 03 65 1	10
RC-63S1NC20000		16 03 77 8	
RC-09P1NC20000	8 x 1.2 / 1 x 1.5	15 95 51 9	10
RC-09S1NC20000		15 96 43 4	
RC-12P1NC20000	1.2	15 97 66 0	10
RC-12S1NC20000		15 99 36 7	
RC-17P1NC20000	1.2	16 01 64 7	10
RC-17S1NC20000		16 02 29 5	

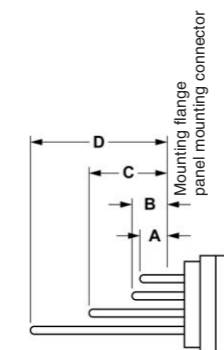
Type description

Series RC	RC
Signal	06 P1 N 22 00 00
No. of positions	06 6 63 9(6+3) 09 9(8+1) 12 12 17 17
Contact type/numbering	P1 Male (Pin)/standard S1 Female (Socket)/standard
Coding	N N-Coding 0°
Contact connection	22 Dip solder, free solder pin length A 32 Dip solder, free solder pin length B A2 Dip solder, free solder pin length C C2 Dip solder, free solder pin length D
Housing design	00 blank, see housing
Cable gland	00 blank, see housing

Housing type	Free solder pin length			
	A [mm]	B [mm]	C [mm]	D [mm]
RC-.....2200	3.5	4.5	10.0	17.5
RC-.....WQ00	-	-	10.0	17.5
RC-.....4200	3.5	4.5	10.0	17.5
RC-.....5200	3.5	4.5	10.0	17.5
RC-.....H000	-	-	3.5	11.0
RC-.....E000	-	-	3.5	11.0

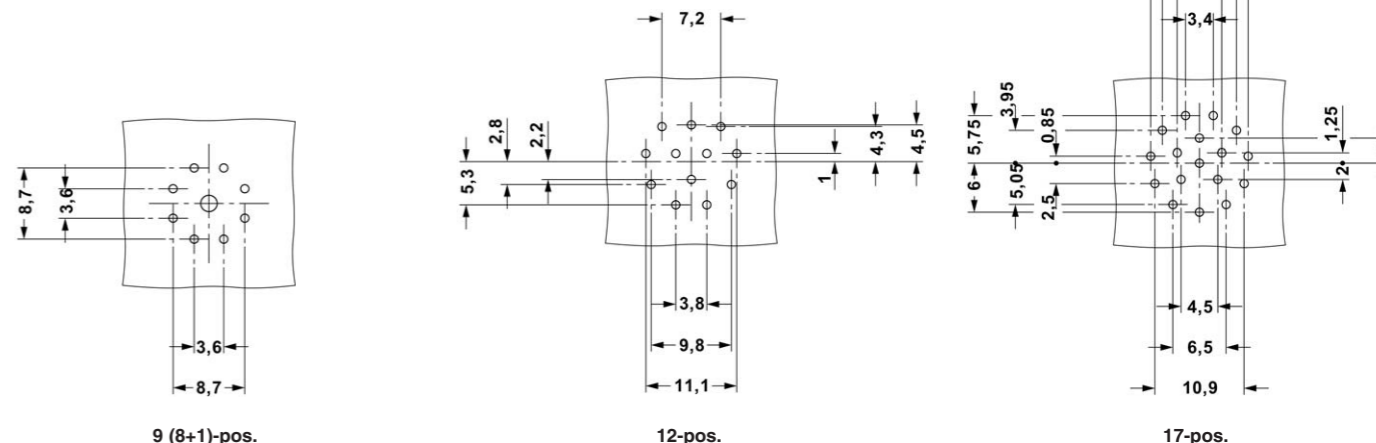
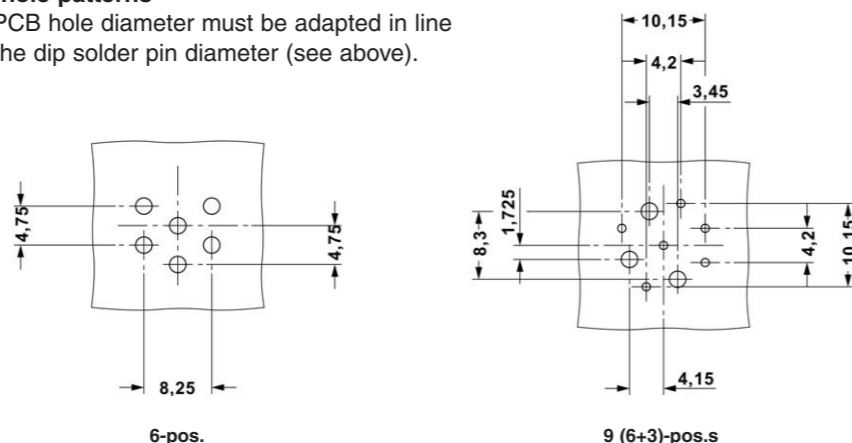


Housing type	Free solder pin length			
	A [mm]	B [mm]	C [mm]	D [mm]
TU-.....WB00	-	-	9.0	16.5
TU-.....4100	2.5	3.5	9.0	16.5
TU-.....5300	2.5	3.5	9.0	16.5



PCB hole patterns

The PCB hole diameter must be adapted in line with the dip solder pin diameter (see above).



Direction of contact chamber numbering (view of plug-in side)

