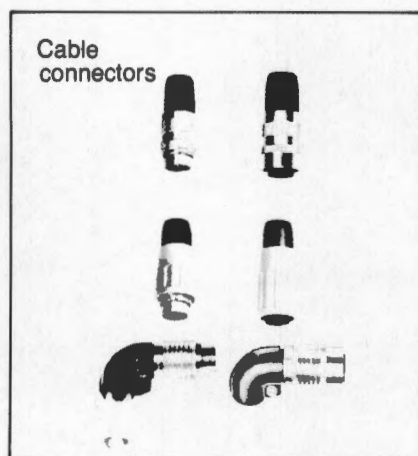


703-91T series screwlock— solder termination type



No. of contacts	1, 2, 3, 4, 5, 5 Stereo 6, 7, 12 and 14
Rated voltage (VDE 0110)	60...250 V Gr. A
Current carrying capacity	3...5 A
Termination	Solder
Locking type	Screw

SPECIFICATIONS

number of contacts		1	2	3	4	5	5 stereo	6	7	12	14	
contact arrangement according to DIN		—	—	41524	—	—	41524	45322	—	—	—	
termination		solder										
max. wire gauge mm ²		0,5								0,25		
guiding		by shell										
locking		screw										
contact plating	pin contacts socket contacts	silver, gold								gold		
dielectric material		thermoplastics										
shell	protection class material plating	JP 40 acc. DIN 40050 die cast, brass, thermoplastics nickel										
weights	plug receptacle	ca. 26 g ca. 11 g										
mating force	acc. DIN 41640	15N	16N	25N	30N	35N	35N	50N	55N	50N		
withdrawal force	part 36 acc. DIN 41640	13N	14N	21N	25N	30N	30N	45N	45N	50N		
temperature range		-40°C / +85°C										
rated current acc. DIN 41640		5A								3A		
rated voltage	acc. VDE 0110/b2/79 Gr. A acc. IEC 130-1	250 V~ 333 V _{eff}					60 V~ 166 V _{eff}	250 V~ 333 V _{eff}	60 V~ 166 V _{eff}			
test voltage	acc. VDE 0110/b2/79 acc. IEC 130-1	980 V~ 1000 V _{eff}					670 V~ 500 V _{eff}	980 V~ 1000 V _{eff}	670 V~ 500 V _{eff}			
contact resistance acc. DIN 41640 part 4		< 5 mΩ										
insulation resistance acc. DIN 41640 to 20°C		> 10 ¹² Ω								> 10 ⁹ Ω	> 10 ¹⁰ Ω	
operating capacity a) contact to contact b) contact to ground (mated connectors mounted into panel, 2mm thick).		ca. 2,0 pF ca. 2,0 pF					ca. 2,5 pF ca. 2,0 pF					
Do not connect or disconnect connector under load.												

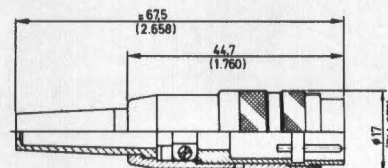
703-91T series screwlock – solder termination type continued

MALE CABLE CONNECTORS

DESCRIPTION

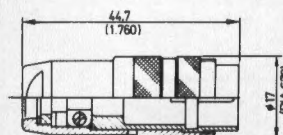
Type 1

1. Max. cable outlet 6 mm. Contact plating: silver or gold, 12 and 14 contact type: gold. Termination: solder.



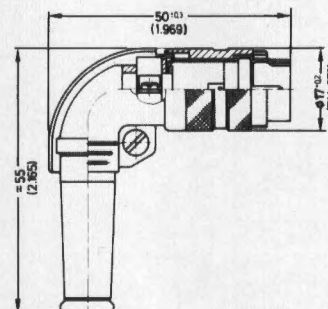
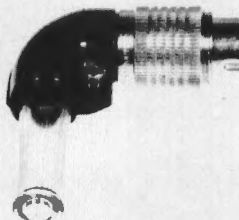
Type 2

2. Max. cable outlet 8 mm. Contact plating: silver or gold, 12 and 14 contact type: gold. Termination: solder.



Type 3

3. Right angle. Max. cable outlet 7 mm. Contact plating: silver, 12 and 14 contact type: gold. Termination: solder.



no. of contacts	Amphenol Part Number	
	contact plating	
	silver	gold
1	703-91T-3160-1	—
2*	703-91T-3200-1	703-91T-3200-18
3	703-91T-3260-1	703-91T-3260-18
4	703-91T-3300-1	703-91T-3300-18
5	703-91T-3360-1	703-91T-3360-18
5 stereo	703-91T-3360-10	—
6	703-91T-3400-1	703-91T-3400-18
7	703-91T-3475-1	703-91T-3475-18
12	—	703-91T-3635
14	—	703-91T-3650

no. of contacts	Amphenol Part Number	
	contact plating	
	silver	gold
1	—	—
2*	703-91T-3200-2	703-91T-3200-28
3	703-91T-3260-2	703-91T-3260-28
4	703-91T-3300-2	703-91T-3300-28
5	703-91T-3360-2	703-91T-3360-28
5 stereo	703-91T-3360-20	—
6	703-91T-3400-2	703-91T-3400-28
7	703-91T-3475-2	703-91T-3475-28
12	—	703-91T-3635-2
14	—	703-91T-3650-2

no. of contacts	Amphenol Part Number	
	contact plating	
	silver	gold
1	—	—
2*	703-91T-3200-6	—
3	703-91T-3260-6	—
4	703-91T-3300-6	—
5	703-91T-3360-6	—
5 stereo	703-91T-3360-60	—
6	703-91T-3400-6	—
7	703-91T-3475-6	—
12	—	703-91T-3635-6
14	—	703-91T-3650-6

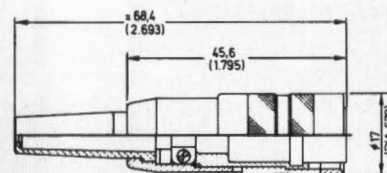
703-91T series screwlock—solder termination type continued

FEMALE CABLE CONNECTORS

DESCRIPTION

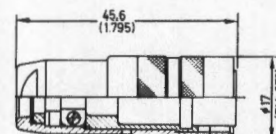
Type 1

1. Max. cable outlet 6 mm. Contact plating: silver or gold, 12 and 14 contact type: gold. Termination: solder.



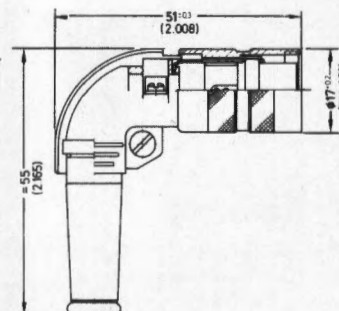
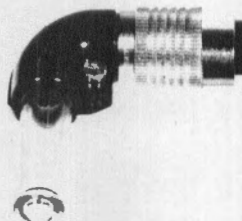
Type 2

2. Max. cable outlet 8 mm. Contact plating: silver or gold, 12 and 14 contact type: gold. Termination: solder.



Type 3

3. Right angle. Max. cable outlet 7 mm. Contact plating: silver, 12 and 14 contact type: gold. Termination: solder.



ORDER INFORMATION

Type 1 no. of contacts	Amphenol Part Number	
	contact plating	
	silver	gold
1	703-91T-3161-1	—
2*	703-91T-3201-1	703-91T-3201-18
3	703-91T-3261-1	703-91T-3261-18
4	703-91T-3301-1	703-91T-3301-18
5	703-91T-3361-1	703-91T-3361-18
5 stereo	703-91T-3361-10	—
6	703-91T-3401-1	703-91T-3401-18
7	703-91T-3476-1	703-91T-3476-18
12	—	703-91T-3636
14	—	703-91T-3651

Type 2 no. of contacts	Amphenol Part Number	
	contact plating	
	silver	gold
1	—	—
2*	703-91T-3201-2	703-91T-3201-28
3	703-91T-3261-2	703-91T-3261-28
4	703-91T-3301-2	703-91T-3301-28
5	703-91T-3361-2	703-91T-3361-28
5 stereo	703-91T-3361-20	—
6	703-91T-3401-2	703-91T-3401-28
7	703-91T-3476-2	703-91T-3476-28
12	—	703-91T-3636-2
14	—	703-91T-3651-2

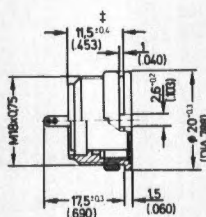
Type 3 no. of contacts	Amphenol Part Number	
	contact plating	
	silver	gold
1	—	—
2*	703-91T-3201-6	—
3	703-91T-3261-6	—
4	703-91T-3301-6	—
5	703-91T-3361-6	—
5 stereo	703-91T-3361-60	—
6	703-91T-3401-6	—
7	703-91T-3476-6	—
12	—	703-91T-3636-6
14	—	703-91T-3651-6

703-91T series screwlock – solder termination type continued

FEMALE RECEPTACLES

front mounting solder termination

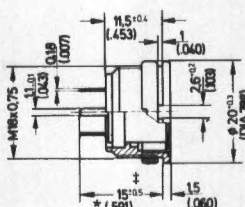
Receptacle with female contacts. Front mounting with ring or hex nut. Contact plating: silver or gold, 12 and 14 contact type: gold. Termination: solder.



‡12 & 14 contact
types = $14 \pm 0.3(0.055)$

front mounting, dip solder termination for PC board

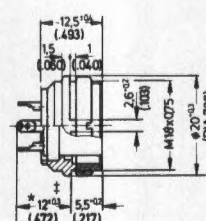
Receptacle with female contacts. Front mounting with ring nut. Termination: dip solder. Contact plating: silver, 12 and 14 contact type: gold.



‡12 & 14 contact
types = $14 \pm 0.3(0.055)$

rear mounting

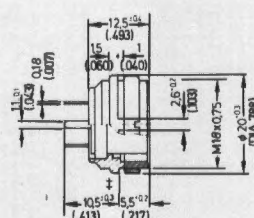
Receptacle with female contacts. Rear mounting with ring nut. Contact plating: silver, 12 and 14 contact type: gold. Termination: solder or dip solder for PC board.



‡12 & 14 contact
types = $10 \pm 0.3(0.394)$

solder termination

dip solder termination for PC board



‡12 & 14 contact
types = $9.5 \pm 0.3(0.374)$

ORDER INFORMATION

no. of conts.	ring nut type		hex nut silver cont. plating
	contact plating		
	silver	gold	
1	703-91T-3163	—	—
2*	703-91T-3203	703-91T-3203-18	703-91T-3203-9
3	703-91T-3263	703-91T-3263-18	703-91T-3263-9
4	703-91T-3303	703-91T-3303-18	703-91T-3303-9
5	703-91T-3363	703-91T-3363-18	703-91T-3363-9
5 stereo	703-91T-3363-10	—	703-91T-3363-19
6	703-91T-3403	703-91T-3403-18	703-91T-3403-9
7	703-91T-3478	703-91T-3478-18	703-91T-3478-9
12	—	703-91T-3638-4	—
14	—	703-91T-3853-4	—

ORDER INFORMATION

no. of conts.	ring nut type		hex nut silver cont. plating
	contact plating		
	silver	gold	
1	703-91T-3163-32	—	—
2*	703-91T-3203-32	—	—
3	703-91T-3263-32	—	—
4	703-91T-3303-32	—	—
5	703-91T-3363-32	—	—
6	703-91T-3403-32	—	—
7	703-91T-3478-32	—	—
12	—	703-91T-3638-4	—
14	—	703-91T-3653-4	—

ORDER INFORMATION

no. of contacts	Part Number
1	703-91T-3163-1
2*	703-91T-3203-1
3	703-91T-3263-1
4	703-91T-3303-1
5	703-91T-3363-1
6	703-91T-3403-1
7	703-91T-3478-1
12	703-91T-3638-104
14	703-91T-3653-104

ORDER INFORMATION

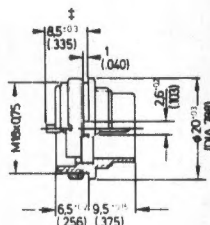
no. of contacts	Part Number
1	703-91T-3163-132
2*	703-91T-3203-132
3	703-91T-3263-132
4	703-91T-3303-132
5	703-91T-3363-132
6	703-91T-3403-132
7	703-91T-3478-132
12	703-91T-3638-104
14	703-91T-3653-104

703-91T series screwlock—solder termination type continued

MALE RECEPTACLES

front mounting

Receptacle with male contacts.
Front mounting with ring or hex nut.
Termination: solder. Contact plating:
silver or gold, 12 and 14 contact
type: gold.



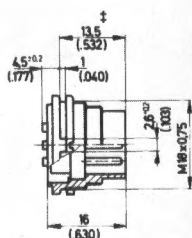
‡12 & 14 contact
types = 3.5 ± 0.3 (.137)

ORDER INFORMATION

no. of conts.	ring nut type contact plating		hex nut silver cont. plating
	silver	gold	
1	703-91T-3162	—	—
2*	703-91T-3202	703-91T-3202-18	703-91T-3202-9
3	703-91T-3262	703-91T-3262-18	703-91T-3262-9
4	703-91T-3302	703-91T-3302-18	703-91T-3302-9
5	703-91T-3362	703-91T-3362-18	703-91T-3362-9
5 stereo	703-91T-3362-10	—	703-91T-3362-19
6	703-91T-3402	703-91T-3402-18	703-91T-3402-9
7	703-91T-3477	703-91T-3477-18	703-91T-3477-9
12	—	703-91T-3637	703-91T-3637-9
14	—	703-91T-3652	703-91T-3662-9

rear mounting

Receptacle with male contacts.
Rear mounting with ring nut.
Termination: solder. Contact plating:
silver, 12 and 14 contact type: gold.



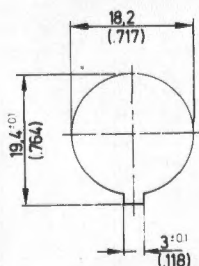
‡12 & 14 contact
types = 7.5 ± 0.3 (.295)

ORDER INFORMATION

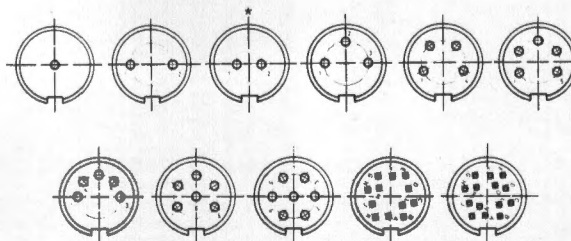
no. of conts.	ring nut type contact plating		hex nut silver cont. plating
	silver	gold	
1	703-91T-3162-1	—	—
2*	703-91T-3202-1	—	—
3	703-91T-3262-1	—	—
4	703-91T-3302-1	—	—
5	703-91T-3362-1	—	—
6	703-91T-3402-1	—	—
7	703-91T-3477-1	—	—
12	—	703-91T-3637-1	—
14	—	703-91T-3652-1	—

panel cutout

For female and male receptacles.
Max. panel thickness: 5mm (.197")



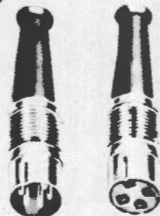
view on terminal side of inserts



*2 contact type with contact distance 4 mm
available on request.

703-91T series friction lock

Cable connectors



Receptacle shells



No. of contacts	1, 2, 3, 4, 5, 6, 7
Rated voltage (VDE 0110)	250 V Gr. A
Current carrying capacity	5 A
Termination	Solder

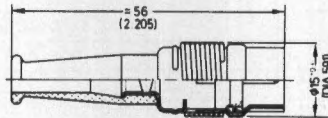
SPECIFICATIONS

number of contacts		1	2	3	4	5	6	7
contact arrangement according to DIN		—	—	41524	—	—	45322	—
termination		solder						
max. wire gauge mm ²		0,5						
guiding		by shell						
locking		friction lock						
contact plating	pin contacts socket contacts	silver						
dielectric material	pin contact insert socket contact insert	thermoplastics						
shell	protection class material plating	JP 40 acc. to DIN 40050 brass, thermoplastics nickel						
weights	plug receptacle	ca. 12 g ca. 6 g						
mating force acc.	DIN 41640 part 36	15N	16N	25N	30N	35N	50N	55N
withdrawal force acc.	DIN 41640	13N	14N	21N	25N	30N	45N	45N
temperature range		-40°C / +85°C						
rated current acc. DIN 41640		5A						
rated voltage	acc. VDE 0110/b2/79 Gr. A acc. IEC 130-1	250 V~ 333 V _{eff}						
test voltage	acc. VDE 0110/b2/79 acc. IEC 130-1	980 V~ 1000 V _{eff}						
resistance acc. DIN 41640 part 4		< 5 m Ω						
insulation resistance acc. DIN 41640 part 4		> 10 ¹² Ω						> 10 ⁹ Ω
operating capacity a) contact to contact b) contact to ground (mated connectors mounted into panel, 2mm thick).		ca. 2,0 pF ca. 2,0 pF				ca. 2,5 pF ca. 2,0 pF		
Do not connect or disconnect connector under load.								

703-91T series friction lock continued

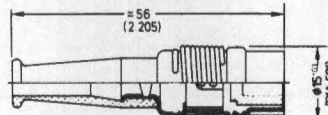
MALE CABLE CONNECTOR

Friction lock. Termination: solder.
Maximum cable outlet 5 mm.
Contact plating: silver.



FEMALE CABLE CONNECTOR

Friction lock. Termination: solder.
Maximum cable outlet 5 mm.
Contact plating: silver.



ORDER INFORMATION

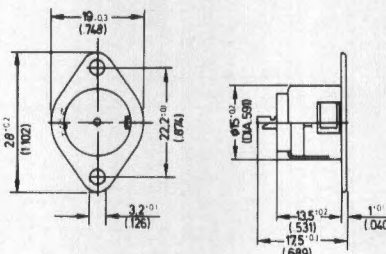
no of cont.	Part Number
1	703-91T-3165
2	703-91T-3205
3	703-91T-3265
4	703-91T-3305
5	703-91T-3365
6	703-91T-3405
7	703-91T-3479

ORDER INFORMATION

no of cont.	Part Number
1	703-91T-3166
2	703-91T-3206
3	703-91T-3266
4	703-91T-3306
5	703-91T-3366
6	703-91T-3406
7	703-91T-3480

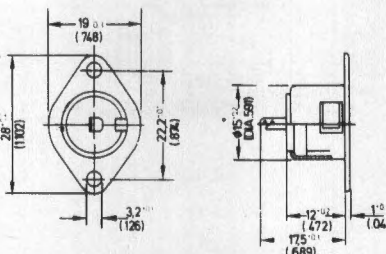
MALE RECEPTACLES

Friction lock. Termination: solder.
Contact plating: silver.



FEMALE RECEPTACLES

Friction lock. Termination: solder.
Contact plating: silver.



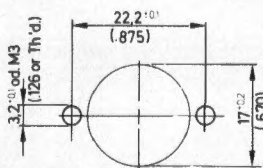
ORDER INFORMATION

no of cont.	Part Number
1	703-91T-3167
2	703-91T-3207
3	703-91T-3267
4	703-91T-3307
5	703-91T-3367
6	703-91T-3407
7	703-91T-3481

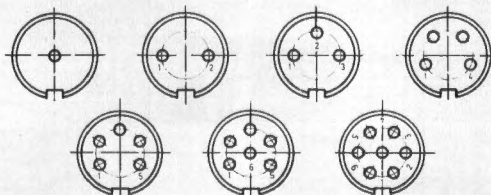
ORDER INFORMATION

no of cont.	Part Number
1	703-91T-3168
2	703-91T-3208
3	703-91T-3268
4	703-91T-3308
5	703-91T-3368
6	703-91T-3408
7	703-91T-3482

panel cutout
for female and male receptacles



view on terminal side of male inserts



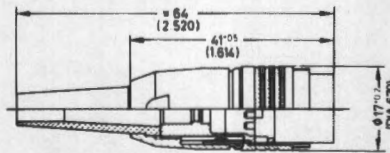
703-91T series screwlock— solder or crimp termination type

SPECIFICATIONS

number of contacts		3	4	5	6	7
termination		solder or crimp				
max. wire gauge mm ²		0,14 – 0,5mm ² (AWG 26 – AWG 20)				
cable outlet		max. ø 6 mm				
locking		screw				
contact plating		silver				
dielectric material		thermoplastics				
shell	protection class material	JP 40 acc. DIN 40050 thermoplastics				
mating force acc.	DIN 41640 part 36	25N	30N	35N	40N	45N
withdrawal force acc.	DIN 41640					
temperature range		–40°C / +85°C				
rated current acc. DIN 41640		5 A at 40°C				
rated voltage	acc. VDE 0110/b2/79 Gr. A acc. IEC 130-1	250 V~/300 V = 333 V _{eff}				
test voltage	acc. VDE 0110/b 2/79 acc. IEC 130-1	980 V~ 1000 V _{eff}				
contact resistance acc. DIN 41640 part 4		< 5 m Ω				
insulation resistance acc. DIN 41640 to 20°C		> 10 ¹² Ω				
operating capacity a) contact to contact b) contact to ground (mated connectors mounted into panel, 2mm thick).		ca. 2,0 pF ca. 2,0 pF	ca. 2,0 pF ca. 2,0 pF	ca. 2,5 pF ca. 2,0 pF	ca. 2,5 pF ca. 2,0 pF	ca. 2,5 pF ca. 2,0 pF
Do not connect or disconnect connector under load.						

MALE CABLE CONNECTORS

Screw locking. Max cable outlet 6 mm.
Solder or crimp termination.
Contact plating: silver.

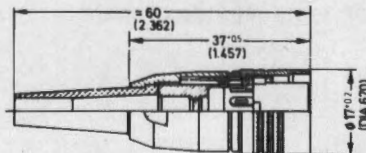


ORDER INFORMATION

no. of cont.	Part Number		
	solder termination		crimp term. shell color silver
	shell color		
	silver	black	
3	703-91T-3260-501	703-91T-3260-601	703-91T-3260-551
4	703-91T-3300-501	703-91T-3300-601	703-91T-3300-551
5	703-91T-3360-501	703-91T-3360-601	703-91T-3360-551
6	703-91T-3400-501	703-91T-3400-601	703-91T-3400-551
7	703-91T-3475-501	703-91T-3475-601	703-91T-3475-551

FEMALE CABLE CONNECTORS

Screw locking. Max. cable outlet 6 mm.
Solder or crimp termination.
Contact plating: silver.



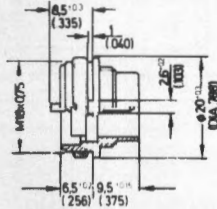
ORDER INFORMATION

no. of cont.	Part Number		
	solder termination		crimp term. shell color silver
	shell color		
	silver	black	
3	703-91T-3261-501	703-91T-3261-601	703-91T-3261-551
4	703-91T-3301-501	703-91T-3301-601	703-91T-3301-551
5	703-91T-3361-501	703-91T-3361-601	703-91T-3361-551
6	703-91T-3401-501	703-91T-3401-601	703-91T-3401-551
7	703-91T-3476-501	703-91T-3476-601	703-91T-3476-551

703-91T series screwlock – solder or crimp termination type continued

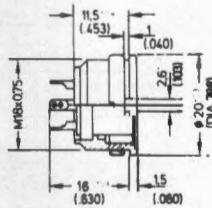
MALE RECEPTACLES

Screw locking. Mounting with ring nut.
Solder or crimp termination.
Contact plating: silver.



FEMALE RECEPTACLES

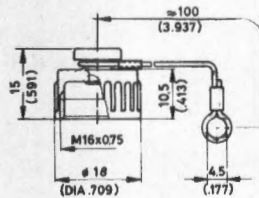
Screw locking. Mounting with ring nut.
Solder or crimp termination.
Contact plating: silver.



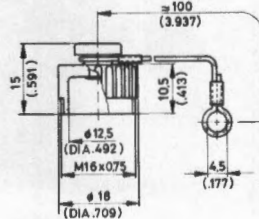
CRIMP CONTACTS & TOOLS See Page 175

SCREWLOCK TYPE PROTECTIVE CAPS

for male connectors
and receptacles



for female connectors
and receptacles



ACCESSORIES

coding caps

Colored sleeve caps for coding,
packaging units 25 pcs.



spanner wrench

Suitable for all female and male
receptacle shells of series 703-91T



ORDER INFORMATION

no. of cont.	Part Number		
	solder termination		crimp term. shell color silver
	shell color		
	silver	black	
3	703-91T-3262-500	703-91T-3262-600	703-91T-3262-550
4	703-91T-3302-500	703-91T-3302-600	703-91T-3302-550
5	703-91T-3362-500	703-91T-3362-600	703-91T-3362-550
6	703-91T-3402-500	703-91T-3402-600	703-91T-3402-550
7	703-91T-3477-500	703-91T-3477-600	703-91T-3477-550

ORDER INFORMATION

no. of cont.	Part Number		
	solder termination		crimp term. shell color silver
	shell color		
	silver	black	
3	703-91T-3263-500	703-91T-3263-600	703-91T-3263-550
4	703-91T-3303-500	703-91T-3303-600	703-91T-3303-550
5	703-91T-3363-500	703-91T-3363-600	703-91T-3363-550
6	703-91T-3403-500	703-91T-3403-600	703-91T-3403-550
7	703-91T-3478-500	703-91T-3478-600	703-91T-3478-550

ORDER INFORMATION

color	Part Number
grey	703-91T-6130-1
black	703-91T-6130-2

ORDER INFORMATION

color	Part Number
grey	703-91T-6131-1
black	703-91T-6131-2

ORDER INFORMATION

color	Part Number
red	703-VC91-1014-5 (1)
blue	703-VC91-1014-5 (2)
white	703-VC91-1014-5 (3)
black	703-VC91-1014-5 (4)

ORDER INFORMATION

spanner wrench	703-N45-91-1
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703-91T series all-plastic bayonet lock— solder or crimp termination

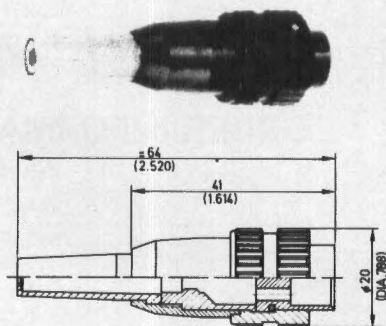
SPECIFICATIONS

Do not connect or disconnect connector under load.

number of contacts	3	4	5	6	7
termination	solder or crimp				
max. wire gauge mm ²	0,14 – 0,5mm ² (AWG 26 – AWG 20)				
cable outlet	max. ø 6 mm				
locking	bayonet locking				
contact plating	silver				
dielectric material	thermoplastics				
shell	JP 40 acc. DIN 40050 thermoplastics				
protection class material					
mating force acc. DIN 41640 part 36	25N	30N	35N	40N	45N
withdrawal force acc. DIN 41640					
temperature range	–40°C / +85°C				
rated current acc. DIN 41640	5 A at 40°C				
rated voltage acc. VDE 0110/b2/79 Gr. A acc. IEC 130-1	250 V~/300 V = 333 V _{eff}				
test voltage acc. VDE 0110/b 2/79 acc. IEC 130-1	980 V~ 1000 V _{eff}				
contact resistance acc. DIN 41640 part 4	< 5 mΩ				
insulation resistance acc. DIN 41640 to 20°C	> 10 ¹² Ω				
operating capacity a) contact to contact b) contact to ground (mated connectors mounted into panel, 2mm thick).	ca. 2,0 pF ca. 2,0 pF	ca. 2,0 pF ca. 2,0 pF	ca. 2,5 pF ca. 2,0 pF	ca. 2,5 pF ca. 2,0 pF	ca. 2,5 pF ca. 2,0 pF

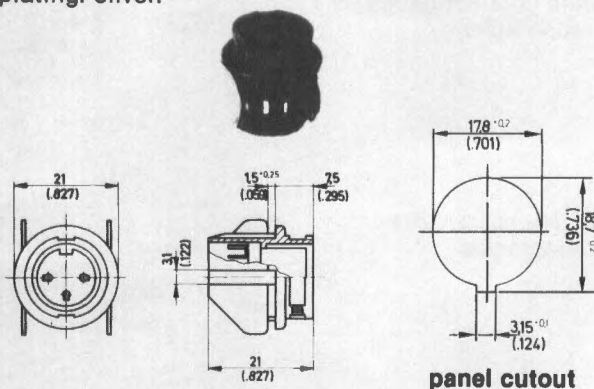
MALE CABLE CONNECTORS

Max. cable outlet 6 mm. Termination: solder or crimp. Contact plating: silver.



FEMALE RECEPTACLES

Termination: solder or crimp. Contact plating: silver.



ORDER INFORMATION

no. of conts.	Part Number	
	solder termination	crimp termination
3	703-91T-3274-501	703-91T-3274-551
4	703-91T-3324-501	703-91T-3324-551
5	703-91T-3374-501	703-91T-3374-551
6	703-91T-3424-501	703-91T-3424-551
7	703-91T-3434-501	703-91T-3434-551

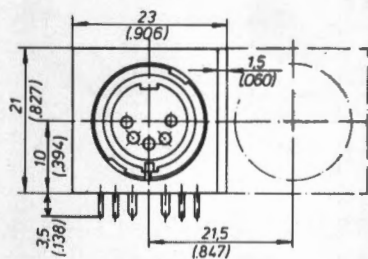
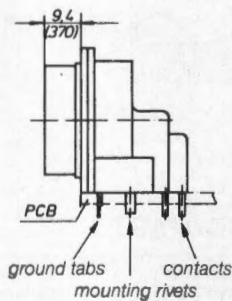
ORDER INFORMATION

no. of conts.	Part Number	
	solder termination	crimp termination
3	703-91T-3277-500	703-91T-3277-550
4	703-91T-3327-500	703-91T-3327-550
5	703-91T-3377-500	703-91T-3377-550
6	703-91T-3427-500	703-91T-3427-550
7	703-91T-3437-500	703-91T-3437-550

703-91T series all-plastic bayonet lock – solder or crimp termination continued

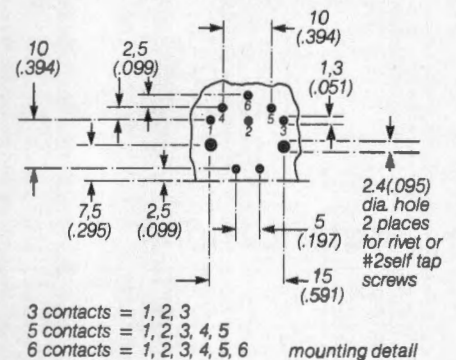
RIGHT ANGLE PCB MOUNT FEMALE RECEPTACLES

Right angle receptacle with female contacts. Mounts to printed circuit board. Contact plating: silver. Shell color: grey.



ORDER INFORMATION

no. of conts.	Amphenol Part Number	
	shell color	
	grey	black
3	703-91T-3277-200	703-91T-3277-600
5	703-91T-3377-210	703-91T-3377-610
6	703-91T-3427-200	703-91T-3427-600



CRIMP CONTACTS

pin contacts

Max. wire gauge: 0,14...0,5 mm².
Contact plating: silver.



socket contacts

Max. wire gauge: 0,14...0,5 mm².
Contact plating: silver.



ORDER INFORMATION

pin contacts	
packaging units 100 pcs.	703-VN01-15-5 (1)
contacts on reel 200 pcs.	703-ZN01-15-5 (1)
contacts on reel 2000 pcs.	703-HN01-15-5 (1)
socket contacts	
packaging units 100 pcs.	703-VN02-15-5 (1)
contacts on reel 200 pcs./reel	703-ZN02-15-5 (1)
contacts on reel 2000 pcs./reel	703-HN02-15-5 (1)

CRIMP TOOLS

Removal tool



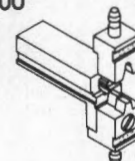
Part no. 709-FG-300-93

Crimp tool handle, excluding crimp die set



Part no. 709-FA-500

Crimp die set for tool handle 709-FA-500



Part no. 709-FA-1-91

Crimp tool handle for contacts on reel, excluding die set



Part no. 709-FA-900

Crimp die set for tool handle 709-FA-900



Part no. 709-FA-202