

High density of contacts

Miniature Series

JAEGER
Connecteurs

Mai-2003

- **Receptacle, plug, cable connecting plug**
- **Locking** : Quick connection of the plug by a spring-loaded coupling system 1/6 turn
- **Protection** : IP 50 to IP 54 with potting compound into the shell and gasket under receptacle.
- **Contacts** : 12 to 55 contacts \varnothing 1 mm, crimping or soldering type contacts.
- **Max current rating** : 7 A \varnothing 1 mm, consideration of the number of contacts carrying the current, their diameters, and the temperature increase which is permissible.
- **Contact resistance between pin and socket** : $<0,0020 \Omega$

- **Flashover voltage** : at (20°C) 68°F, at sea level 19 or 37 cts higher than 2000 V A.C
12, 27 or 55 cts higher than 2500 V A.C
- **Insulation resistance** : $>5000 M\Omega$
- **Operating temperature range** : - 40°C to +100°C (500 hours at +125°C).
- **Raw material** : male and female contacts : Brass with gold finish.
body: light metal alloy with nickel finish.
- **Max, wire cross section area** : 0,93 mm².



Part numbers : Pin insert receptacles, socket insert plugs and cable connecting plugs, pin insert

Shell size	Contacts number	receptacle pin insert	Socket insert plug	Cable connecting plugs pin insert	Cable clamp ** Type 2	Backshells for receptacle	Protection caps receptacle	Protection cap plug	Gaskets for receptacle	Adjustable crimping tool
1	12	533 503 006	530 502 006	530 507 006	532 328 006	533 550 006	630 720 006	632 720 006	536 945 006	579 316 006 (small crimping tool) 579 481 006 (big crimping tool \varnothing 1mm red identification)
1	19	533 514 006	530 504 006	530 514 006	532 328 006	533 550 006	630 720 006	632 720 006	536 945 006	Combined insertion and extraction tool for contacts*
2	27	533 513 006	530 512 006	530 517 006	532 329 006	533 558 006	536 845 006	532 214 006	536 946 006	
2	37	533 525 006	530 520 006	530 525 006	532 329 006	533 558 006	536 845 006	532 214 006	536 946 006	597 104 006
3	55	533 523 006	530 522 006	530 527 006	532 350 006	533 559 006	536 846 006	532 218 006	536 947 006	

Part numbers : Socket insert receptacles, pin insert plugs and cable connecting plugs, socket insert

Shell size	Contacts number	Socket insert receptacle	Pin insert plug	Cable connecting plug, socket insert	Cable clamp ** type 2	Backshells for receptacle	Protection caps receptacle	Protection cap plug	Gaskets for receptacle	Adjustable crimping tool
1	12	533 502 006	530 503 006	530 506 006	532 328 006	533 550 006	630 720 006	632 720 006	536 945 006	579 316 006 (small crimping tool) 579 481 006 (big crimping tool \varnothing 1mm red identification)
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2	27	533 512 006	530 513 006	530 516 006	532 329 006	533 558 006	536 845 006	532 214 006	536 946 006	
2	37	533 524 006	530 521 006	530 524 006	532 329 006	533 558 006	536 845 006	532 214 006	536 946 006	597 104 006
3	55	533 522 006	530 523 006	530 526 006	532 350 006	533 559 006	536 846 006	532 218 006	536 947 006	

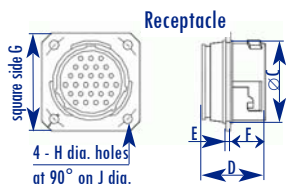
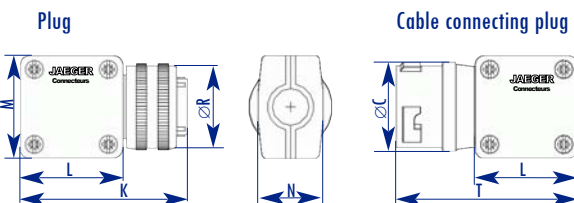
*Note : tool, part. No 597 104 006, is necessary, for insertion and extraction contacts.

**Cable-clamp, refer to the other documentation.

Other accessories : connection, sealing, protection, fixing...

Polarisation : listed under different Part Nos, certain types of connectors are available with two alternative keying dispositions. This feature will prevent cross plugging adjacent connectors with similar contact arrangement.

Dimensions :



Shell size	Contact number	Mated assembly		Receptacle								Plug - Cable connecting plug					
		A	B	C	D	E	F	G	H	J	K	L	M	N	R	T	
1	12-19	54	63	21	20,5	1,5	11,5	27	3,2	28	50	32,2	32,2	20,2	25	50,3	
2	27-37	58	67	27	20,5	1,5	11,5	32	3,2	34	54	36,4	36,4	23,5	32,5	54,2	
3	55	66	75	39	23	2	11,5	43	4,2	48	61	42,6	47,6	31,3	44	62,1	

