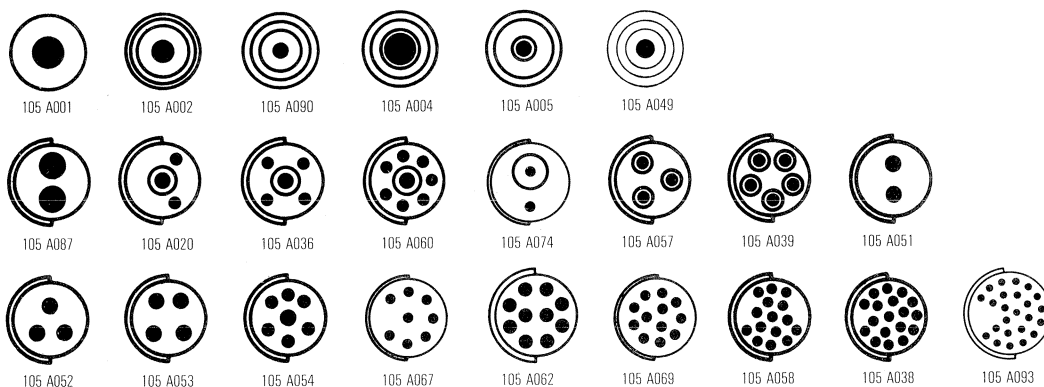


SERIE 105



Important! It is essential that the outer cable diameter is stated when ordering	Number of Contacts	Ø mm	Test Voltage mated		Impedance Ohms	Maximum Admissible Current Amps	Reference Number
			KV Contact Body	KV Contact Contact			
Coaxial	1	4.0	4			15	105 A001
Coaxial for high Frequency	1	3.0	5		50Ω	10	105 A002
Coaxial for high Frequency	1	2.0	5		75Ω	8	105 A090
Coaxial for high Frequency and high Tension	1	4.0	13 DC		40Ω	15	105 A004
Coaxial for high Frequency and high Tension	1	2.0	14 DC		75Ω	8	105 A005
Coaxial high Tension	1	2.0	25 DC			8	105 A049
Multi-Pole 18 A	2	3.0	1.1	1.5		35	105 A087
Multi-Pole + high Tension	2	1.3	0.8	4.9		4	105 A020
	1	2.0	14	14		8	
Multi-Pole + high Tension	4	1.3	0.8	3.5		4	105 A036
	1	2.0	14 DC	14 DC		8	
Multi-Pole + high Tension	7	1.3	0.9	1		4	105 A060
	1	2.0	14 DC	14 DC		8	
Multi-Pole high Tension	3	1.3	5.5 DC	8 DC		4	105 A057
Multi-Pole high Tension	5	1.3	7 DC	7 DC		4	105 A039
Multi-Pole	2	2.0	2	1.8		8	105 A051
Multi-Pole	3	2.0	1.3	1.6		8	105 A052
Multi-Pole	4	2.0	0.8	1.3/2		8	105 A053
Multi-Pole	7 $\begin{smallmatrix} 1 \\ 6 \end{smallmatrix}$	2.0	2.4	1.3			105 A054
		1.3	1.1	0.9/2.7			
Multi-Pole	10	1.3	0.9	0.9		4	105 A062
Multi-Pole	15	0.9	0.7	1		2	105 A058
Multi-Pole	18	0.9	0.7	1		2	105 A038
Multi-Pole	24	0.7	0.7	0.7		1	105 A093
Multi-Pole	8	1.3	0.95	1.0		4	105 A067
Multi-Pole	12	1.3	0.7	0.8		4	105 A069
Mixed connector: 1 coax 1 contact	2	1.3/5.5	8 DC	7.1/1.0	50	4	105 A074
	1	1.3				4	

Swiss Patent No: 364,543 British Patent No: 948902 US Patent No: 3,160,457 Brev. Canada 1966 and other patents pend.



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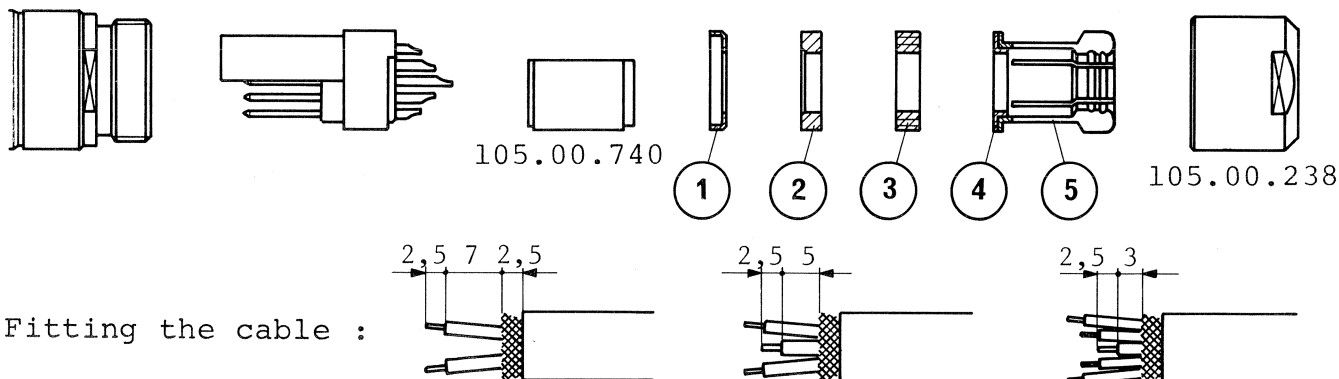
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« FISCHER » ELECTRICAL CONNECTORS

SERIE 105

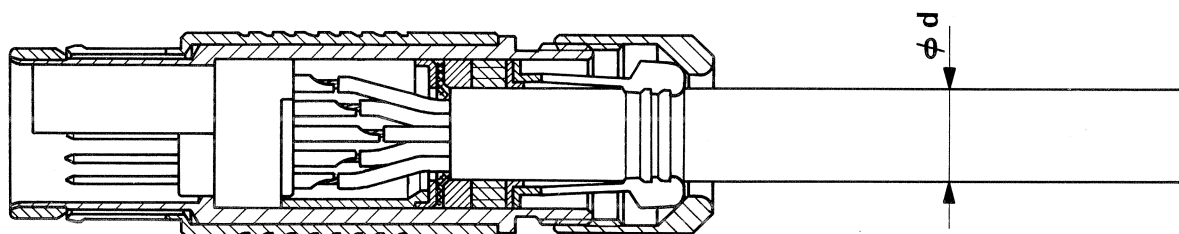
INSTRUCTIONS FOR ASSEMBLY OF : PLUG SE 105
CABLE SOCKET KE 105
CABLE SOCKET DKE 105



Fitting the cable :

EXAMPLE : PLUG SE 105

The assembly of internal parts for the cable sockets KE and DKE is the same as for the internal assembly of plug SE.



Reference no. for interchangeable parts in accordance with cable diameter d (max. 10,5 Ø)

Ø d	Rings ①	Washers ②	Rubber joint ③	Rings ④	Clips ⑤	Subassembly 1+2 + 3+4+5
3,1 - 4,0	105.00.1003	105.00.989	105.00.996	105.00.1172	105.00.982	E 105/ 4,0
4,1 - 5,0	105.00.1002	105.00.988	105.00.995	105.00.1171	105.00.981	E 105/ 5,0
5,1 - 6,0	105.00.1001	105.00.987	105.00.994	105.00.1170	105.00.980	E 105/ 6,0
6,1 - 7,0	105.00.1000	105.00.986	105.00.993	105.00.1169	105.00.979	E 105/ 7,0
7,1 - 8,0	105.00. 999	105.00.985	105.00.992	105.00.1168	105.00.978	E 105/ 8,0
8,1 - 9,0	105.00. 998	105.00.984	105.00.991	—	105.00.977	E 105/ 9,0
9,1 - 10,5	105.00. 997	105.00.983	105.00.990	—	105.00.976	E 105/10,5

Swiss Patent No: 364,543

British Patent No: 948902

US Patent No: 3,160,457 Brev. Canada 1966 and other patents pend.



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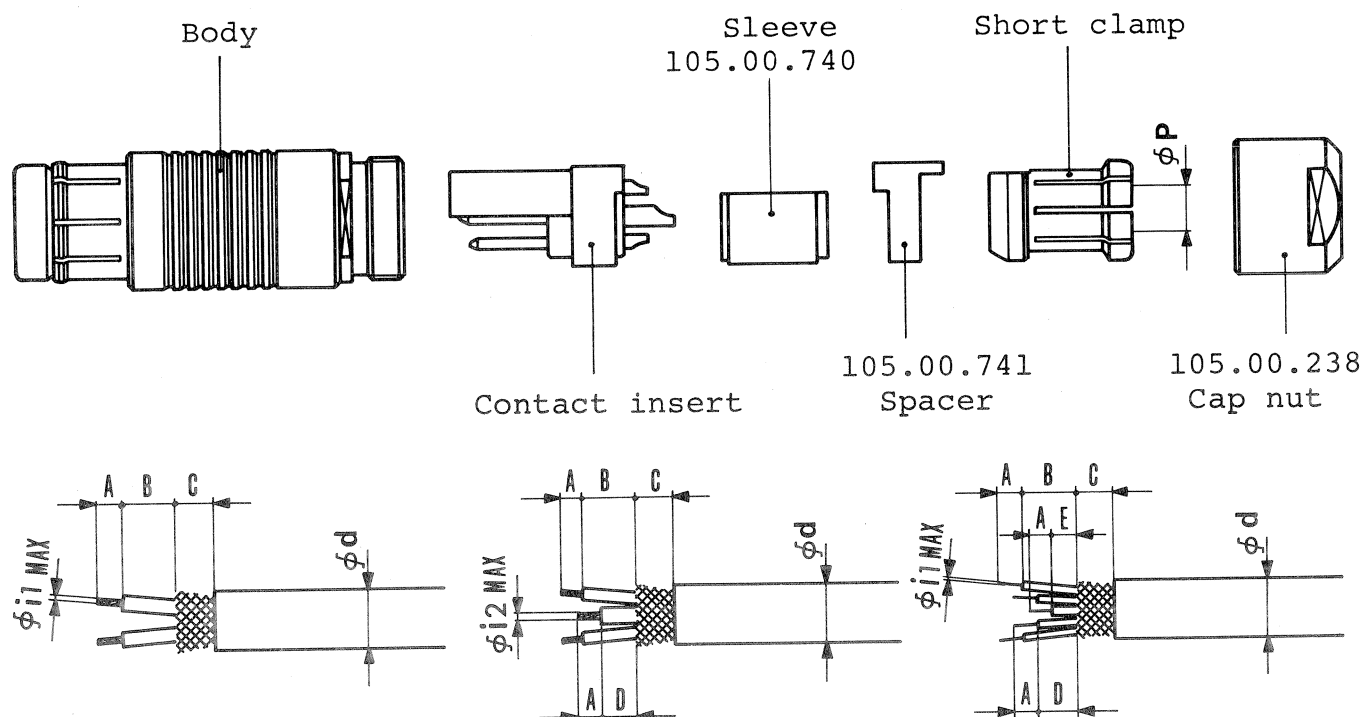
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SERIE 105

ASSEMBLY INSTRUCTION FOR SCREENED CABLE FOR S, K AND DK



No of short clamp

Fitting the cables

ϕd	ϕP			NUMBER OF CONTACTS	A	B	C	D	E	$\phi i1$	$\phi i2$
10,5-9,7	10,7	105.00.1211	S 105 A051-s	2	3,5	7	5	-	-	2	-
9,8-9,1	10	105.00.1212	S 105 A052-s	3	3,5	7	5	-	-	2	-
9,0-8,1	9,2	105.00. 743	S 105 A053-s	4	3,5	7	5	-	-	2	-
8,0-7,1	8,2	105.00. 744	S 105 A054-s	7	3	7	5	2,5	-	1,2	2
7,0-6,1	7,2	105.00. 745	S 105 A067-s	8	3	7	5	5	-	1,2	-
6,0-5,1	6,2	105.00. 746	S 105 A062-s	10	3	7	5	5	-	1,2	-
5,0-4,1	5,2	105.00. 747	S 105 A069-s	12	3	7	5	5	-	1,2	-
4,0-3,1	4,2	105.00. 748	S 105 A058-s	15	2,3	6,5	5	4,5	2,5	0,8	-
			S 105 A059-s	17	2,3	6,5	5	4,5	2,5	0,8	-
			S 105 A038-s	18	2,3	6,5	5	4,5	2,5	0,8	-

Swiss Patent No: 364,543

British Patent No: 948902

US Patent No: 3,160,457 Brev. Canada 1966 and other patents pend.



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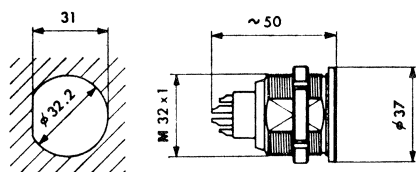
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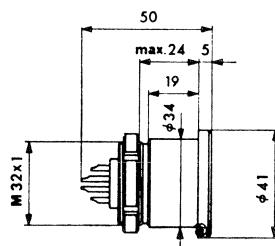
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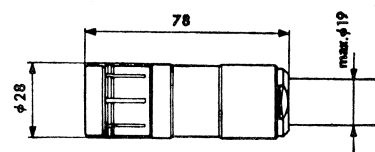
SERIE 106



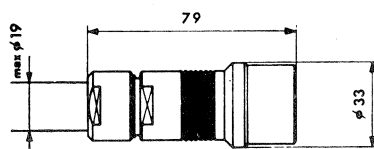
CHASSIS SOCKET D



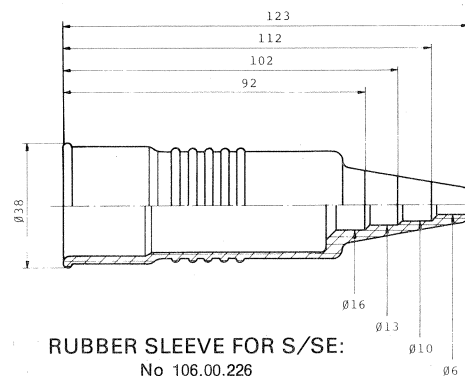
WATERPROOF
CHASSIS SOCKET DEE



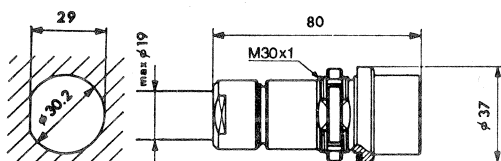
PLUG S



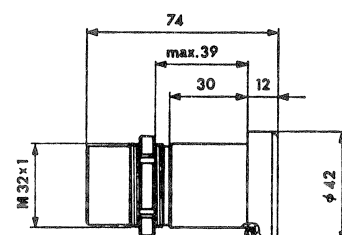
SOCKET K



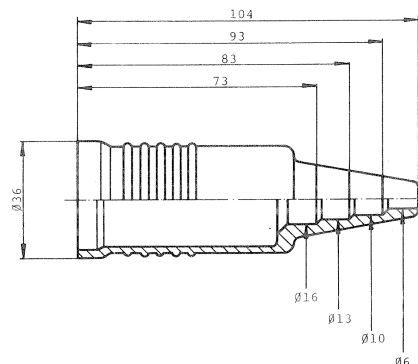
RUBBER SLEEVE FOR S/SE:
No 106.00.226



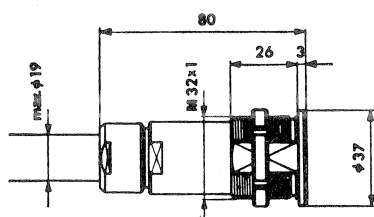
WATERPROOF CHASSIS SOCKET DKE



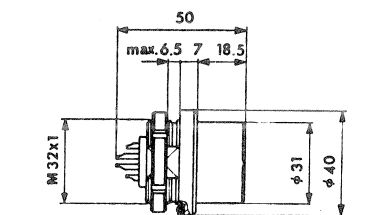
WATERPROOF BUSCHING WDE
for 2 plugs



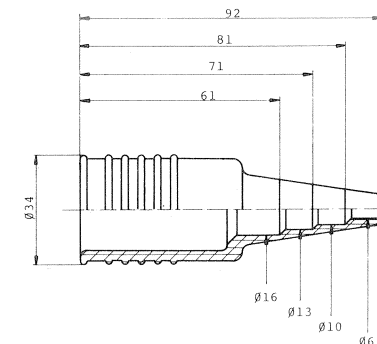
RUBBER SLEEVE FOR K/KKE:
No 106.00.405



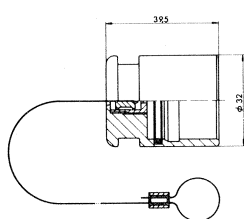
SOCKET DK
with cable clip



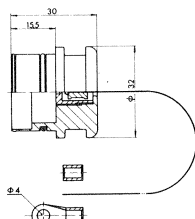
WATERPROOF CHASSIS SOCKET
DBEE
for external mounting



RUBBER SLEEVE FOR DKE
No 106.00.404



SEALING CAP FOR PLUG S:
No 106 00 791



SEALING CAP FOR SOCKET D:
No 106 00 792

The same dimensions as for S and K hold good for SE and KE

Swiss Patent No: 364,543 British Patent No: 948902 US Patent No: 3,160,457 Brev. Canada 1966 and other patents pend.



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SERIE 106



106 A003



106 A007



106 A019



106 A015



106 A018



106 A017



106 A013



106 A014



106 A010

Important! It is essential that the outer cable diameter is stated when ordering	Number of Contacts	Ø mm	Test Voltage mated		Impedance Ohms	Maximum Admissible Current Amps	Reference Number
			KV Contact Body	KV Contact Contact			
Multi-Pole 25 A	3	2.3	4	3		25	106 A003
Multi-Pole	7	2.0	2.3	2.3		8	106 A007
Multi-Pole	8	2.0	2.2	1.9		8	106 A019
Multi-Pole	12	2.0	1.7	1.4		8	106 A015
Multi-Pole	17	1.3	1.7	1.4		4	106 A018
Multi-Pole	24	1.3	1.4	1.1		4	106 A017
Multi-Pole high Tension	6	1.3	12 DC	12 DC		4	106 A013
Multi-Pole + high Tension	2	2.0	20 DC	13 DC		8	106 A014
	6	1.3	2	1.6		4	
Multi-Pole for Thermocouples Iron Constantan	6 Fe. 6 Co.	2.0 2.0	1.7	1.4		8	106 A010

Swiss Patent No: 364,543 British Patent No: 948902 US Patent No: 3,160,457 Brev. Canada 1966 and other patents pend.



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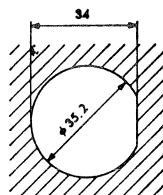
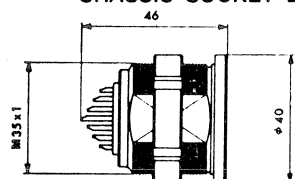
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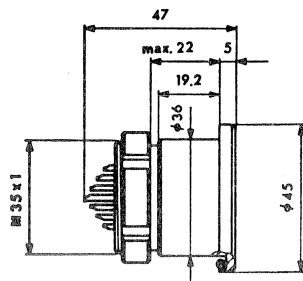
« FISCHER » ELECTRICAL CONNECTORS

SERIE 107

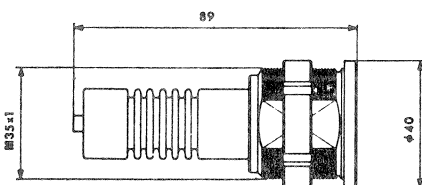
CHASSIS SOCKET D



WALL CUT-OUT
FOR D-SOCKET

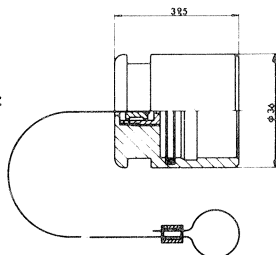


WATERPROOF CHASSIS SOCKET DEE

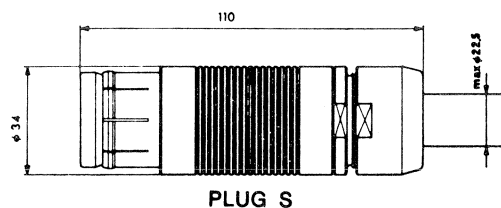
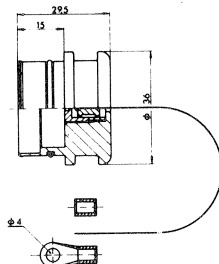


CHASSIS SOCKET D FOR HIGH TENSION

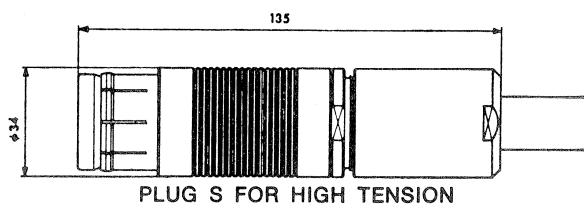
SEALING CAP FOR PLUG S:
No 107 00 690



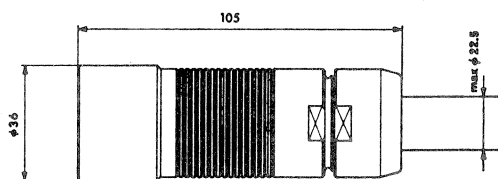
SEALING CAP FOR SOCKET D:
No 107 00 691



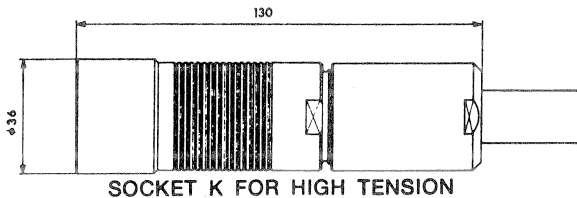
PLUG S



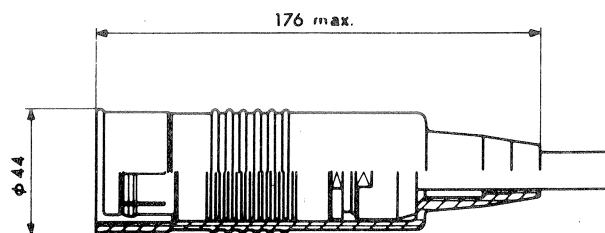
PLUG S FOR HIGH TENSION



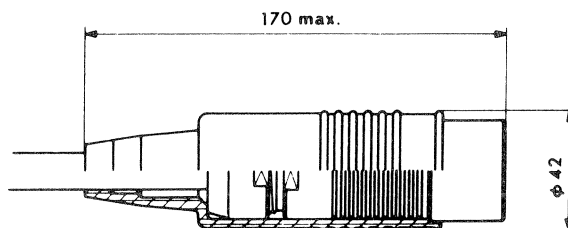
SOCKET K



SOCKET K FOR HIGH TENSION



RUBBER SLEEVE FOR S:
No 107 00 808



RUBBER SLEEVE FOR K:
No 107 00 809

The same dimensions as for S and K hold good for SE and KE

Swiss Patent No: 364,543

British Patent No: 948902

US Patent No: 3,160,457 Brev. Canada 1966 and other patents pend.



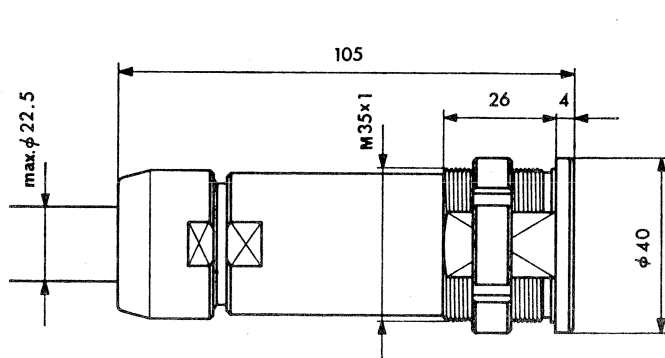
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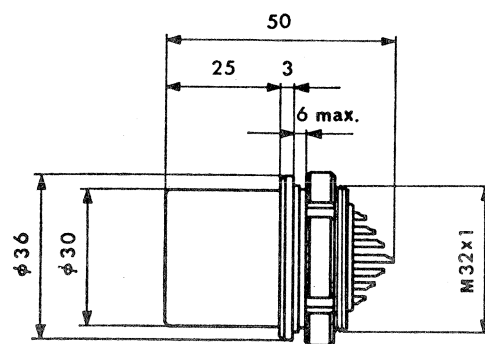
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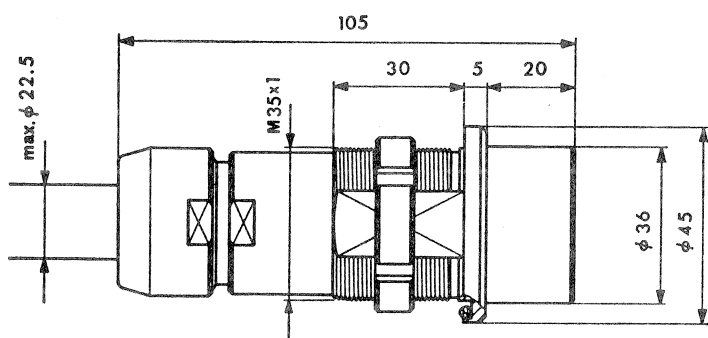
SERIE 107



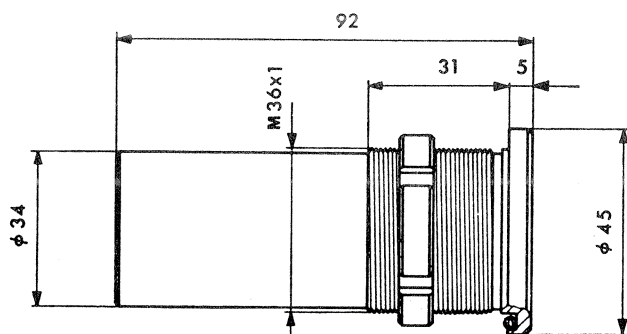
SOCKET DK with cable clip



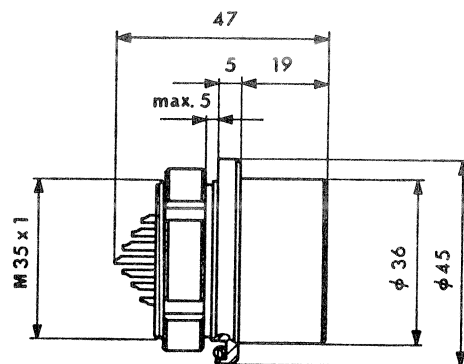
PLUG SF



WATERPROOF SOCKET DKE
with cable clip



WATERPROOF BUSCHING WDE
for connection of 2 plugs



WATERPROOF CHASSIS SOCKET
DBEE
for external mounting

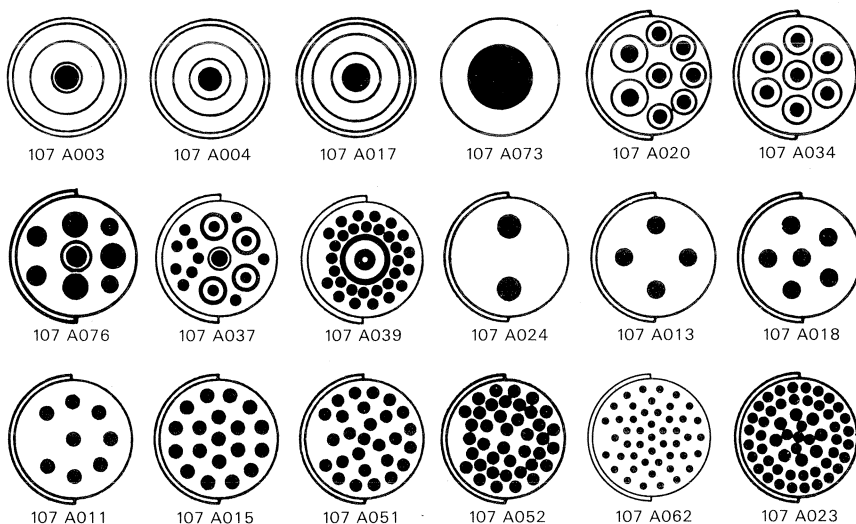
Swiss Patent No: 364,543 British Patent No: 948902 US Patent No: 3,160,457 Brev. Canada 1966 and other patents pend.



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SERIE 107

Important! It is essential that the outer cable diameter is stated when ordering	Number of Contacts	Ø mm	Test Voltage mated		Impedance Ohms	Maximum Admissible Current Amps	Reference Number
			KV Contact Body	KV Contact Contact			
Coaxial for high Frequency and high Tension	1	4.0	30 DC		75	15	107 A003
Coaxial for high Frequency and high Tension	1	4.0	55 DC		75	15	107 A004
Coaxial for high Frequency and high Tension	1	5.0	55 DC		50	15	107 A017
Coaxial for high current	1	10.0	28 DC			180	107 A073
Multi-Pole high Tension 25 A	8 { 2 6	2.3 2.0	8 DC 8 DC	8 DC 8 DC		25 6	107 A020
Multi-Pole for high Tension	7	2.0	14 DC	14 DC		8	107 A034
Multi-Pole 1 high Tension 3 high Current 4 low Tension	8 { 1 3 2 2	2.0 4.0 2.0 1.3	20 DC 3.2 DC 1.5 DC 1.6 DC	21 DC 2.8 DC 3 DC 2.8 DC		8 50 8 4	107 A076
Multi-Pole + 4 Coaxial H.F. + 1 high Tension	10 4 1	1.3 1.3 2.0	0.9 AC 11 DC	0.9 AC 7 DC	50	4 4 8	107 A037
Multi-Pole + 1 Coaxial H.F.	30 1	1.3 2.5	1.2 AC	1.3 AC	75	4	107 A039
Multi-Pole 50 A	2	4.0	3.3 DC	7 DC		50	107 A024
Multi-Pole 25 A	4	2.3	3.6 DC	5 DC		25	107 A013
Multi-Pole 25 A	6	2.3	2.9 AC	2.9 AC		25	107 A018
Multi-Pole	8	2.0	2.9 AC	2.9 AC		8	107 A011
Multi-Pole	19	2.0	1.5 AC	1.8 AC		8	107 A015
Multi-Pole	27	1.3	1.5 AC	1.6 AC		4	107 A051
Multi-Pole	40	1.3	1.2 AC	1 AC		4	107 A052
Multi-Pole - Ceramic insulation D with square flange 43,2x43,2	48	0.9	1.5 AC	1.1 AC		2	107 A062
Multi-Pole	55 { 8 47	1.3 0.9	2 AC 1 AC	1 AC 1 AC		4 2	107 A023

Swiss Patent No: 364,543

British Patent No: 948902

US Patent No: 3,160,457 Brev. Canada 1966 and other patents pend.



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