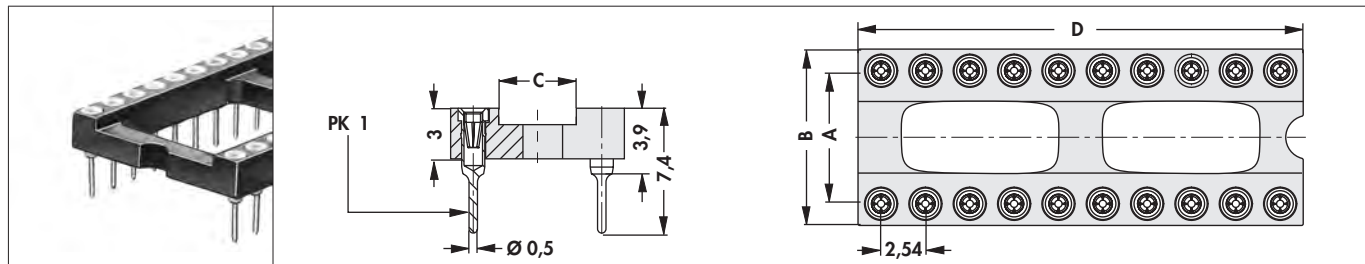
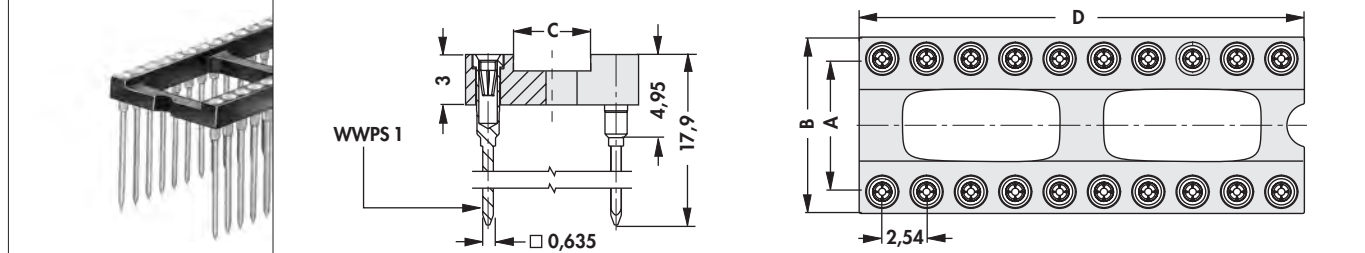


High-precision sockets and plugs for DIL-IC

– other number of contacts upon request!



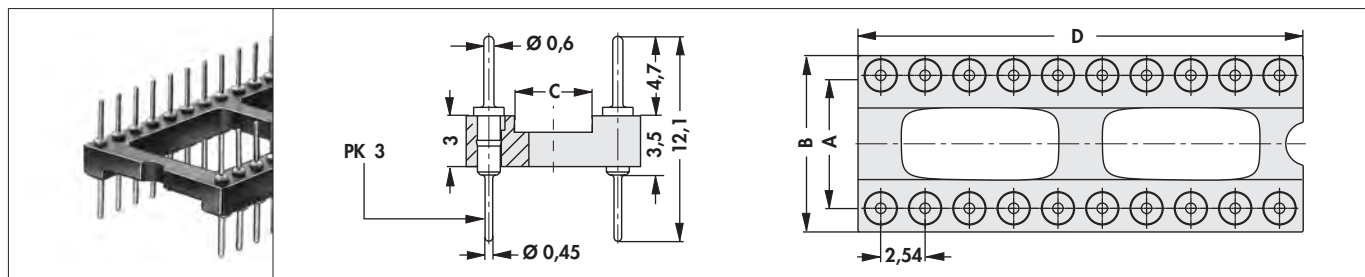
art. no.	no. of contacts	dim. [mm]				art. no.	no. of contacts	dim. [mm]			
		A	B	C	D			A	B	C	D
DIL 6 M ...	6	7.62	10.1	3.8	7.6	DIL 22 M ...	22	10.16	12.7	6.6	27.9
DIL 8 M ...	8				10.1	DIL 24 03 M ...	24	7.62	10.1	4.0	30.6
DIL 10 M ...	10			4.7	12.7	DIL 24 04 M G		10.16	12.7	7.1	
DIL 14 M ...	14			4.9	17.7	DIL 24 M ...		15.24	17.7	11.6	
DIL 16 M ...	16			3.5	20.4	DIL 28 03 M ...	28	7.62	10.1	4.0	35.7
DIL 18 M ...	18			4.1	23.0	DIL 28 M ...					
DIL 20 M ...	20			3.4	25.5	DIL 32 M ...	32	15.24	17.7	11.2	40.6
DIL 22 03 M Z	22			4.8	27.9	DIL 36 M G				10.6	45.6



art. no.	no. of contacts	dim. [mm]				art. no.	no. of contacts	dim. [mm]			
		A	B	C	D			A	B	C	D
DIL 14 N ...	14	7.62	10.1	4.9	17.7	DIL 16 N ...	16	7.62	10.1	3.5	20.4

please indicate: ... surface of contact
G = gold-plated
Z = tin-plated

contact spring: gold-plated



art. no.	no. of contacts	dim. [mm]				art. no.	no. of contacts	dim. [mm]			
		A	B	C	D			A	B	C	D
DIL 8 O ...	8	7.62	10.1	3.8	10.1	DIL 20 O G	20	7.62	10.1	3.4	25.5
DIL 14 O ...	14			4.9	17.7	DIL 22 O ...	22	10.16	12.7	6.6	27.9
DIL 16 O ...	16			3.5	20.4						


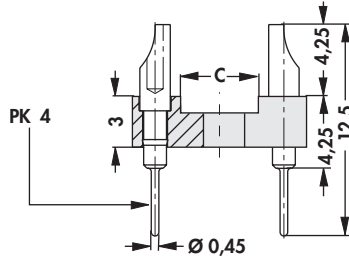
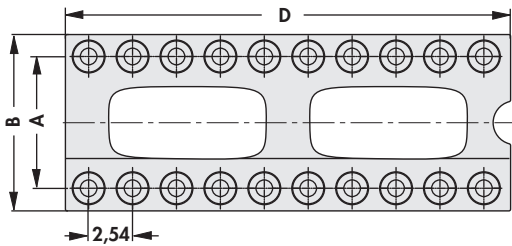

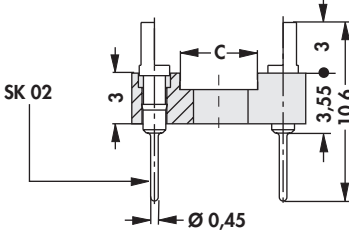
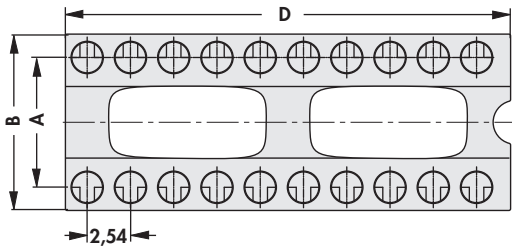

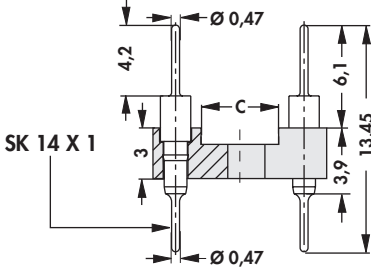
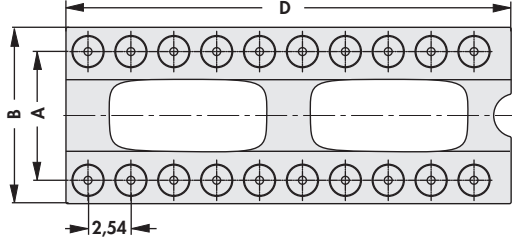
please indicate: ... surface of contact
G = gold-plated
Z = tin-plated



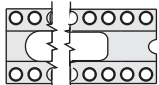
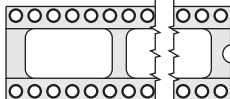
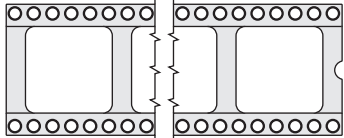
A
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High-precision sockets and plugs for DIL-IC

– other number of contacts on request!

											
art. no.	no. of contacts	dim. [mm]				art. no.	no. of contacts	dim. [mm]			
DIL 6 P Z	6	7.62	10.1	3.8	7.6	DIL 16 P Z	16	7.62	10.1	3.5	20.4
DIL 14 P Z	14			4.9	17.7						
											
art. no.	no. of contacts	dim. [mm]				art. no.	no. of contacts	dim. [mm]			
DIL 8 Q G	8	7.62	10.1	3.8	10.1	DIL 20 Q Z	20	7.62	10.1	3.4	25.5
DIL 16 Q Z	16			3.5	20.4						
											
art. no.	no. of contacts	dim. [mm]				art. no.	no. of contacts	dim. [mm]			
DIL 10 U Z	10	7.62	10.1	4.7	12.7	DIL 22 U ...	22	10.16	12.7	6.6	27.9
DIL 14 U G	14			4.9	17.7	DIL 24 U ...	24	15.24	17.7	11.6	30.6
please indicate:		... surface of contact									
		G = gold-plated									
		Z = tin-plated									

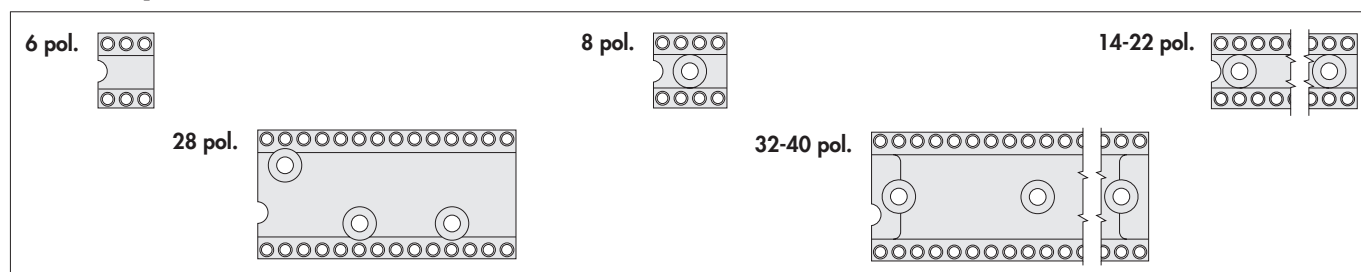
Socket layout for various numbers of contacts for DIL-IC, open frame

6-16 pol.	18-32 pol.	36 pol.
		

High-precision sockets and plugs for DIL-IC

art. no.	no. of contacts	dim. [mm]			art. no.	no. of contacts	dim. [mm]		
		A	B	D			A	B	D
DIL 6 E ...	6	7.62	10.3	7.6	DIL 20 E ...	20	7.62	10.3	25.5
DIL 8 E ...	8			10.1	DIL 28 E ...	28	35.5		
DIL 14 E ...	14			17.7	DIL 32 E ...	32	40.6		
DIL 16 E ...	16			20.4	DIL 40 E ...	40	50.8		
DIL 18 E ...	18			23.0					
please indicate:		... surface of contact G = gold-plated Z = tin-plated							
contact spring:		gold-plated							

Socket layout for various numbers of contacts for DIL-IC, closed frame



DIL-IC-sockets with extractor

art. no.	no. of contacts	dim. [mm]				art. no.	no. of contacts	dim. [mm]			
		A	B	C	D			A	B	C	D
DIL 14 PEK	14	7.62	10.1	12	17.0	DIL 16 PEK	16	7.62	10.1	12	20.3
contact spring:		gold-plated									
contact sleeve:		gold-plated									

High-precision sockets and plugs for DIL-IC

IC-sockets partially equipped, e.g. for oscillators and relays

	DIL 4 OR ...	DIL 8 1 OR ...	DIL 8 2 OR ...	
art. no.	no. of contacts			
DIL 4 OR ...	4			
DIL 8 1 OR Z	8			
DIL 8 2 OR ...				
please indicate:	... surface of contact G = gold-plated Z = tin-plated			
contact spring:	gold-plated			

LED display sockets of 0.6" pitch

art. no.	no. of contacts	dim. [mm] A	art. no.	no. of contacts	dim. [mm] A
DIL 16 06 E Z	16	20.3	DIL 18 06 E Z	18	22.8
art. no.	no. of contacts	dim. [mm] A	art. no.	no. of contacts	dim. [mm] A
DIL 16 06 H Z	16	20.3	DIL 18 06 H Z	18	22.8
contact spring:	gold-plated				
contact sleeve:	tin-plated				

High-precision sockets and plugs for DIL-IC

LED display sockets in vertical construction

art. no.	no. of contacts	dim. [mm]	
		A	B
DIL 14 W 90	14	27.7	22.7
contact spring:		gold-plated	
contact sleeve:		tin-plated	

art. no.	no. of contacts	dim. [mm]	art. no.	no. of contacts	dim. [mm]
		A			A
DIL 8 G Z	8	10.1	DIL 16 G ...	16	20.3
DIL 10 G ...	10	12.7	DIL 20 G ...	20	25.4
DIL 14 G ...	14	17.7			
please indicate:		... surface of contact			
		G = gold-plated			
		Z = tin-plated			
contact spring:		gold-plated			

DIL adaptor plugs

	PK 3	SK 02 (≅ PK 5)	PK 3	SK 02 (≅ PK 5)			
art. no.	no. of contacts	dim. [mm]		art. no.	no. of contacts	dim. [mm]	
		A	B			A	B
DILS 04 PK 5	4	5.0	2.54	DILS 16 PK 3	16	20.3	17.78
DILS 06 PK 3	6	7.6	5.08	DILS 16 PK 5			
DILS 14 PK 3	14	17.7	15.24	DILS 18 PK 5	18	23.0	20.32
surface of contact:		gold-plated					

A

High-precision sockets and plugs for DIL-IC

B

C

D

		PK 3			SK 02 (≅ PK 5)		
art. no.	no. of contacts	dim. [mm]		art. no.	no. of contacts	dim. [mm]	
		A	B			A	B
DILS 28 6 PK 3	28	35.5	33.02	DILS 16 6 PK 3	16	20.3	17.78
DILS 40 6 PK 3	40	50.8	48.26				
surface of contact:		gold-plated					

E

F

DIL platforms

 – suitable for **DIL-cases** DILS ... GA LO

art. no.	no. of contacts	dim. [mm]			art. no.	no. of contacts	dim. [mm]		
		A	B	C			A	B	C
DILS 08 GO	8	12.4	12.5	7.62	DILS 24 GO	24	32.8	20.1	15.24
DILS 14 GO	14	20.0			DILS 28 GO	28	37.8		
DILS 16 GO	16	22.6			DILS 40 GO	40	53.1		
DILS 18 GO	18	25.2							
surface of contact:		gold-plated							

G

H

DIL cases - grid spacing 2.54 mm

 – suitable for **DIL** plugs DILS ... GO

art. no.	dim. [mm]			art. no.	dim. [mm]		
	B	H	L		B	H	L
DILS 08 GA LO	12.5	6.7	12.4	DILS 14 GB LO	12.5	11.7	20.0
DILS 14 GA LO			20.0	DILS 16 GB LO			22.6
DILS 16 GA LO			22.6	DILS 18 GB LO			25.2
DILS 18 GA LO			25.2	DILS 24 GB LO			32.8
DILS 24 GA LO	20.1	6.7	32.8	DILS 28 GB LO	20.1	11.7	37.8
DILS 40 GA LO			53.1	DILS 40 GB LO			53.1
DILS 08 GB LO			12.5	11.7			12.4

I

K

L

M

N

High-precision sockets and plugs for DIL-IC

SMD-plug for DIL

- with **SK 5**-contacts
- other number of contacts on request!

art. no.	no. of contacts	dim. [mm]				art. no.	no. of contacts	dim. [mm]			
DIL 08 SMD SK5 Z	8	7.62	10.1	3.5	10.0	DIL 20 SMD SK5 Z	20	7.62	10.1	3.5	25.2
DIL 16 SMD SK5 Z	16				20.1						
surface of contact:		tin-plated									

SMD socket for DIL-IC

- other number of contacts upon request!

art. no.	no. of contacts	dim. [mm]				art. no.	no. of contacts	dim. [mm]			
DIL 16 SMD M	16	20.1	10.1	7.62	3.5	DIL 24 03 SMD M	24	30.3	10.1	7.62	3.5
DIL 20 SMD M	20					25.2	DIL 28 SMD M	28	35.4	17.6	15.24
contact spring:		gold-plated									
contact sleeve:		tin-plated									

IC-mounting tools - Design DIL

art. no.	spacing of contact rows [mm]	
MIC 03	7.62	
MIC 06	15.24	
material:	polyacetole, non-conductive	

A

Technical data: Sockets

B

C

D

E

F

G

H

I

K

L

M

N

	DIL ... E ..., DIL ... M ..., DIL ... N ..., DIL ... OR ...	DIL ... O ..., DIL ... P ..., DIL ... Q ..., DIL ... U ...	DIL ... PEK	DIL ... 06 E Z, DIL ... 06 H Z
contact material	CuZn-alloy			
surface contact / contact sleeve	Ni+ $\geq 0.2\mu\text{m Au}$ / Ni+4...6 $\mu\text{m Sn}$		Ni+ $\geq 0.2\mu\text{m Au}$	Ni+4...6 $\mu\text{m Sn}$
inner contact spring material	CuBe-alloy		CuBe-alloy	
inner contact spring surface	Ni+0,25 $\mu\text{m Au}$		Ni+0,75 $\mu\text{m Au}$	Ni+0,25 $\mu\text{m Au}$
plugability for circuit points	0,22x0,25mm... 0,4x0,55mm/ $\varnothing 0,4...0,56\text{mm}$		$\varnothing 0,4...0,56\text{mm}$ / 0,22x0,25mm... 0,4x0,55mm	
insert depth	2.5...3.6mm		2.5...3.6mm	
insertion / drawing force	4 lamellas contact/ 1.8 N/1.4 N		4 lamellas contact/ 1.8 N/1.4 N	
shock resistance	50 g			
vibration resistance max.	15 g			
volume resistance	10 m Ω			
contact resistance	4 m Ω			
contact resistance after 1000 cycles	7 m Ω			
capacity between two adjacent con- tacts	0,4 pF			
nominal current	1.5 A			
nominal voltage	150 V DC			
test voltage	1000 V			
insulating body material	PPS, GF			
temperature range	-40°C... +200°C/ (260°C/10 s)			
class of inflammability	UL 94 V-0			
specific insulation resistance	$> 10^{12} \Omega\cdot\text{m}$			



Technical data: Sockets

	DIL ... G ..., DIL 14 W 90	DILS ... PK ...	DILS ... GO	DILS ... LO
contact material	CuZn-alloy		CuSn alloy	
surface contact / contact sleeve	Ni+4...6µm Sn	Ni+≥0.2µm Au		
inner contact spring material	CuBe-alloy			
inner contact spring surface	Ni+0,75µm Au			
plugability for circuit points	0,22x0,25mm... 0,4x0,55mm/ Ø0,4...0,56mm			
insert depth	2.5...3.6mm			
insertion / drawing force	4 lamellas contact/ 1.8 N/1.4 N			
shock resistance	50 g			
vibration resistance max.	15 g			
volume resistance	10 mΩ			
contact resistance	4 mΩ			
contact resistance after 1000 cycles	7 mΩ			
capacity between two adjacent con- tacts	0,4 pF			
nominal current	1.5 A			
nominal voltage	150 V DC			
test voltage	1000 V			
insulating body material	PPS, GF			PA 4.6. GF
temperature range	-40°C... +200°C/ (260°C/10 s)			-40°C... +163°C/ (260°C/10 s)
class of inflammability	UL 94 V-0			
specific insulation resistance	>10 ¹² Ω·m			

A

Technical data: Sockets

B

C

D

E

F

G

H

I

K

L

M

N

	DIL ... SMD M, DIL...SMD SK5	MIC ...	PLCC ..., PLCC ... SMD	PF ..., PQ 18 ...
contact material	CuZn-alloy		CuSn alloy	CuZn-alloy
surface contact / contact sleeve	Ni+ $\geq 0.2\mu\text{m}$ Au/ Ni +4... $6\mu\text{m}$ Sn		Ni+2... $4\mu\text{m}$ Sn	Ni+ $\geq 0.2\mu\text{m}$ Au/ Ni +4... $6\mu\text{m}$ Sn
inner contact spring material	CuBe-alloy			CuBe-alloy
inner contact spring surface	Ni+0,25 μm Au			Ni+0,75 μm Au
plugability for circuit points	0,22x0,25mm... 0,4x0,55mm/ $\varnothing 0,4$...0,56mm			0,22x0,25mm... 0,4x0,55mm/ $\varnothing 0,4$...0,56mm
insert depth	2.5...3.6mm			2.5...3.6mm
insertion / drawing force	4 lamellas contact/ 1.8 N/1.4 N			4 lamellas contact/ 1.8 N/1.4 N
shock resistance	50 g			50 g
vibration resistance max.	15 g			15 g
volume resistance	10 m Ω		>30 m Ω	10 m Ω
contact resistance				4 m Ω
contact resistance after 1000 cycles				7 m Ω
capacity between two adjacent con- tacts	0,4 pF			0,4 pF
nominal current	1.5 A		1 A	1.5 A
nominal voltage	150 V DC			60 V DC
test voltage	1000 V		500 V	
insulating body material	PPS, GF	polyacetal/ non-con- ductive	PPS, GF	PA 4.6. GF
temperature range	-40°C... +200°C/ (260°C/10 s)		-40°C... +105°C/ (260°C/10 s)	-40°C... +163°C/ (260°C/10 s)
class of inflammability	UL 94 V-0	UL 94 V-0 (at thickness $\geq 3\text{mm}$), UL 94 V-1	UL 94 V-0	
specific insulation resistance	>10 ¹² $\Omega\cdot\text{m}$		>10 ⁸ $\Omega\cdot\text{m}$	>10 ⁷ $\Omega\cdot\text{m}$
	TF 3 2 (TO 3)	QS 25 GS	LB ... G	CB ...
contact material	CuSn-alloy, CuSn 6; Ni 1-2 μm , Au 0.2 μm	CuSn alloy	CuZn-alloy	
surface contact / contact sleeve		Ni+3 μm Ag	Ni+ $\geq 0.2\mu\text{m}$ Au	Ni+ $\geq 0.2\mu\text{m}$ Au/ Ni +4... $6\mu\text{m}$ Sn
volume resistance		10 m Ω		
contact resistance	<10 m Ω			
contact resistance after 1000 cycles		7 m Ω		
capacity between two adjacent con- tacts	1 pF			
nominal current		2.5 A		
nominal voltage		125 V DC		
test voltage	1650 V	500 V		
insulating body material	stanyl PA 4.6	PA, GF		
temperature range	-65°C ... +290°C	-40°C ... +180°C		
class of inflammability	UL 94 V-1	UL 94 V-0		
specific insulation resistance	>10 ⁷ $\Omega\cdot\text{m}$			
current rating	15 A max.			

