

Converter Sockets DIP → SOP/SO/SOIC/SOJ Converter Sockets SOP/SO/SOIC/SOJ → DIP

42.08

Converter sockets DIP → SO or SO → DIP solder on the PCB.

Pad dimension (D) of the solder contacts are adaptable.

The SO → DIP converter socket can be inserted or soldered as required.

Pin Contacts

DIP→SO: Brass, electro-strictioned, tin-plated
 SO→DIP: Turned brass, tin-plated (gold upon request)

Insulator Body

Glass-fibre reinforced thermoplastic polyester, self-extinguishing rated UL 94 V0.

PCB

Glass-fibre epoxy EP-GL 02, 35 µm copper tin-plated, self-extinguishing rated UL 94 V0.

Temperature

Continual operation -55 bis +125°C
 Resistance to soldering heat 260°C. for 5 s

Mechanical Life

> 50

Rated Voltage

100 V_{RMS}

Test Voltage

Contact/contact

> 600 V_{RMS}

Contact Resistance

< 30mΩ

Insulation Resistance

> 5 x 10⁹ Ω

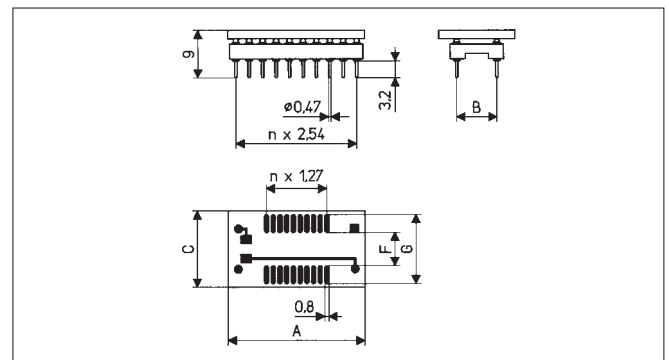
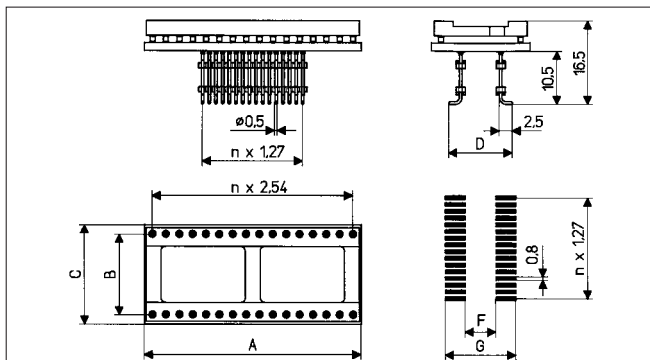
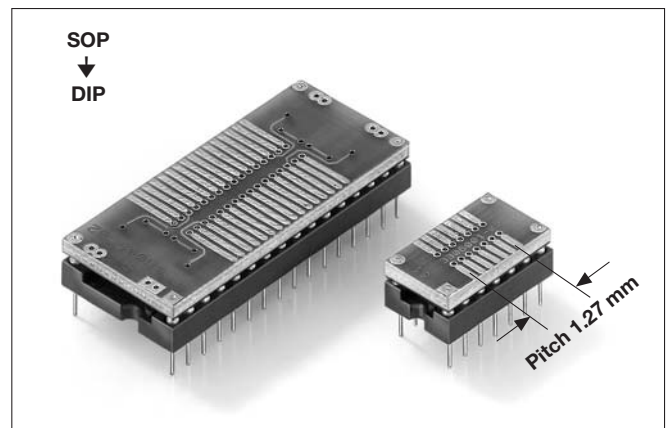
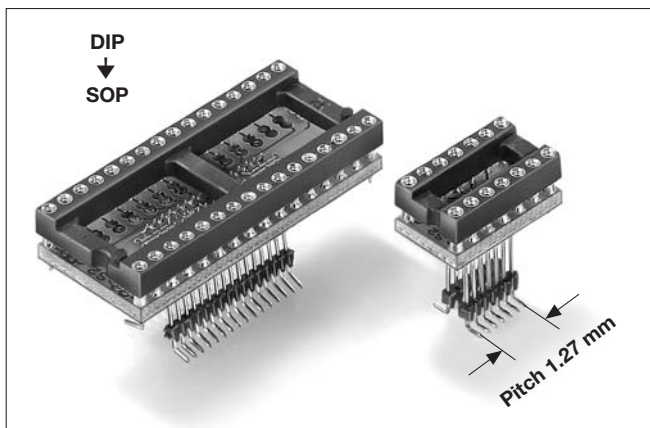
Air and Creepage Distance

> 0.3 mm.

Current Carrying Capacity

(per contact)

1 Amp.



A	B	C	D	F max.	G min.	Pins	PU	Converter S.	Part No.
10.2	7.62	10.2	8.5	4.0	9.0	8	1	DIP308-SOP8	3305739
17.8	7.62	10.2	8.5	4.0	9.0	14	1	DIP314-SOP14	3305740
20.4	7.62	10.2	8.5	4.0	9.0	16	1	DIP316-SOP16	3305741
22.9	7.62	14.0	8.5	4.0	9.0	18	1	DIP318-SOP18	3305742
25.5	7.62	10.2	8.5	4.0	9.0	20	1	DIP320-SOP20	3305743
30.5	7.62	17.8	12.0	4.0	9.0	24	1	DIP324-SOP24	3305781
30.5	15.24	17.8	12.0	7.0	13.0	24	1	DIP624-SOP24	3305744
35.6	7.62	17.8	12.0	7.0	13.0	28	1	DIP328-SOP28	3305780
35.6	15.24	17.8	12.0	7.0	13.0	28	1	DIP628-SOP28	3305745
40.7	7.62	17.8	12.0	7.0	13.0	32	1	DIP332-SOP32	3305784
40.7	15.24	17.8	12.0	7.0	13.0	32	1	DIP632-SOP32	3305746
50.9	15.24	17.8	12.0	7.0	13.0	40	1	DIP640-SOP40	3305747
55.9	15.24	17.8	12.0	7.0	13.0	44	1	DIP644-SOP44	3305788
61.0	15.24	17.8	12.0	7.0	13.0	48	1	DIP648-SOP48	3305790

A	B	C	F	G	Pins	PU	Converter Socket	Part No.
8.0	7.62	10.2	3.7	9.8	6	69	SOP6-DIP306	3305700
10.2	7.62	10.2	3.7	9.8	8	52	SOP8-DIP308	3305702
17.8	7.62	10.2	3.7	9.8	14	29	SOP14-DIP314	3305704
20.4	7.62	10.2	3.7	9.8	16	25	SOP16-DIP316	3305706
20.4	7.62	14.0	3.7	13.2	16	25	SOP16W-DIP316	3305708
22.9	7.62	14.0	3.7	13.2	18	22	SOP18-DIP318	3305749
25.5	7.62	10.2	3.7	9.8	20	20	SOP20-DIP320	3305710
25.5	7.62	14.7	3.7	13.9	20	20	SOP20W-DIP320	3305712
30.5	7.62	17.8	3.7	16.8	24	17	SOP24-DIP324	3305750
30.5	15.24	17.8	3.7	16.8	24	17	SOP24-DIP624	3305714
35.6	7.62	17.8	3.7	16.8	28	14	SOP28-DIP328	3305752
35.6	15.24	17.8	3.7	16.8	28	14	SOP28-DIP628	3305716
40.7	7.62	17.8	3.7	16.8	32	12	SOP32-DIP332	3305754
40.7	15.24	17.8	3.7	16.8	32	12	SOP32-DIP632	3305718
50.9	15.24	17.8	3.7	16.8	40	10	SOP40-DIP640	3305736
55.9	15.24	17.8	3.7	16.8	44	8	SOP44-DIP644	3305758
55.9	15.24	20.4	3.7	19.6	44	8	SOP44W-DIP644	3305762
61.0	15.24	17.8	3.7	16.8	48	8	SOP48-DIP648	3305760

W = "Wide" construction