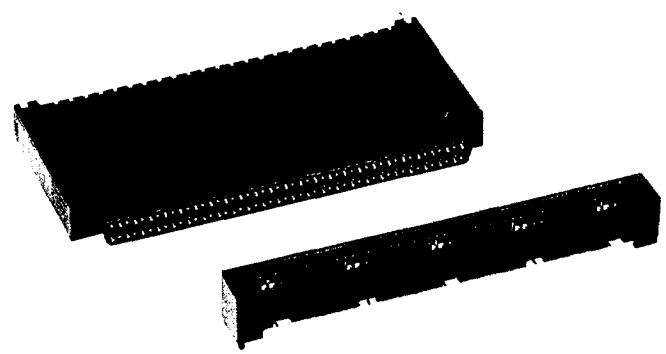
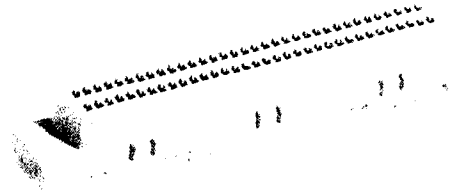


Pitch	1.27 mm
Working current	
P.C.B. Connector	1 A
Flat cable connector	0.5 A
Working voltage	
P.C.B. Connector	240 V ~
Flat cable connector	100 V ~
Test voltage $U_{r.m.s.}$	
P.C.B. Connector	750 V
Flat cable connector	500 V
Contact resistance	$\leq 25 \text{ m}\Omega$
Insulation resistance	$\geq 10^9 \text{ M}\Omega$
Temperature range	$-55 \text{ }^\circ\text{C} \dots +105 \text{ }^\circ\text{C}$



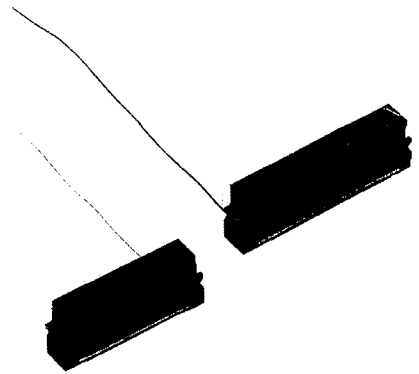
Terminations

Solder pins	Straight for PCB holes min. $\varnothing 0.74 \text{ mm}$ Angled 90° for PCB holes min. $\varnothing 0.74 \text{ mm}$
Insulation displacement	Flat cable AWG 30 pitch 0.635 mm



Materials

Moulding	Thermoplastic resin glass-fibre filled UL 94-V0
Contacts	Copper alloy Beryllium copper
Contact plating	Selectively gold-plated

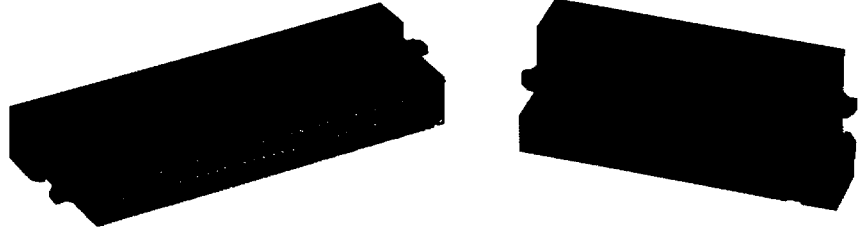


Press-in

Insertion process	Flat rock
Maximum press-in force per contact	100 N
Minimum push out force per contact	15 N
Number of repairs	2
Recommended Board characteristics finished hole	$\varnothing 0.6 \begin{matrix} +0.07 \\ -0.05 \end{matrix} \text{ mm}$
Drilled hole size	$\varnothing 0.7 / 0.74 \text{ mm}$
Cu	30 – 60 μm
Sn	5 – 20 μm
Board thickness	1.6 – 3.2 mm

Number of contacts

50-68



Male connector for flat cable

Identification

Male connector with insulation displacement termination
for flat cable pitch 0.635 mm
AWG 30
Strain relief order separately

No. of contacts

Male connector

Part No.

Strain relief

50

60 06 050 5440

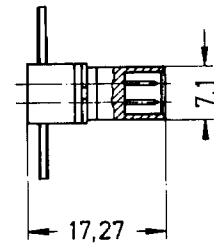
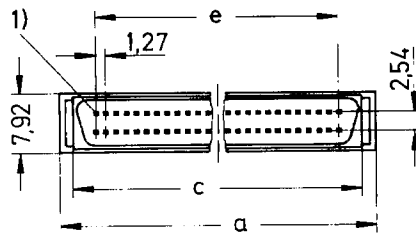
60 06 050 9001

68

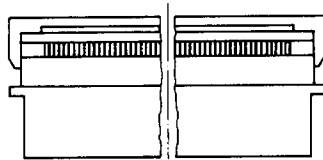
60 06 068 5440

60 06 068 9001

Male connector

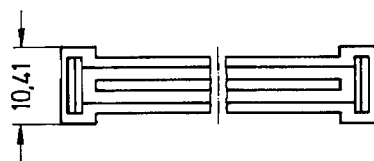
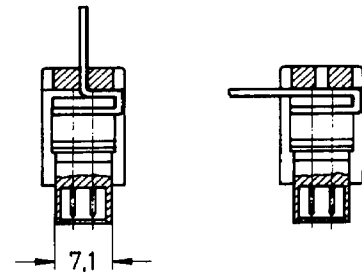
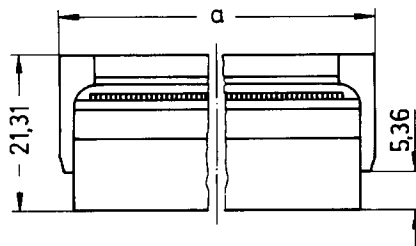


Dimensions in mm



	a	c	e
50	39.75	36.19	30.48
68	51.18	47.62	41.91

Strain relief



	a
50	39.83
68	53.44

1) Contact number 1

Tools see page 40