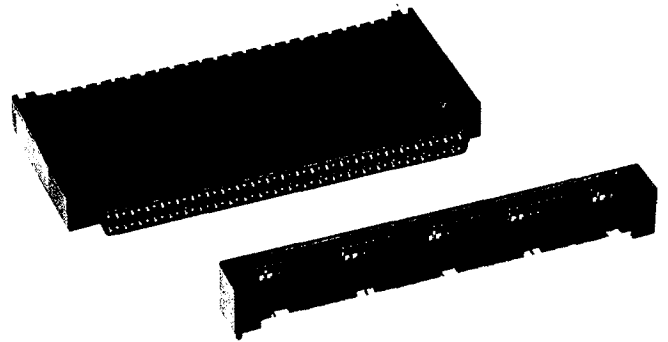


Pitch	1.27 mm
<b>Working current</b>	
P.C.B. Connector	1 A
Flat cable connector	0,5 A
<b>Working voltage</b>	
P.C.B. Connector	240 V ~
Flat cable connector	100 V ~
<b>Test voltage <math>U_{r.m.s.}</math></b>	
P.C.B. Connector	750 V
Flat cable connector	500 V
Contact resistance	$\leq 25 \text{ m}\Omega$
Insulation resistance	$\geq 10^9 \text{ M}\Omega$
Temperature range	- 55 °C ... + 105 °C

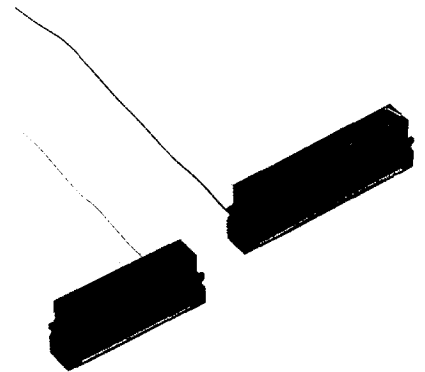


**Terminations**

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	
P.C.B. Connector	Copper alloy
Flat cable connector	Beryllium copper
Contact plating	Selectively gold-plated

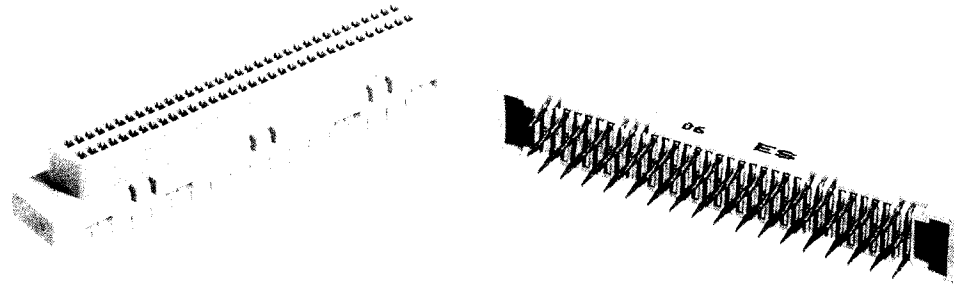


**Press-in**

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	$\varnothing 0.6 \begin{matrix} +0.07 \\ -0.06 \end{matrix} \text{ mm}$
Drilled hole size	$\varnothing 0.7 / 0.74 \text{ mm}$
Cu	30 – 60 $\mu\text{m}$
Sn	5 – 20 $\mu\text{m}$
Board thickness	1.6 – 3.2 mm

Number of contacts

**68**

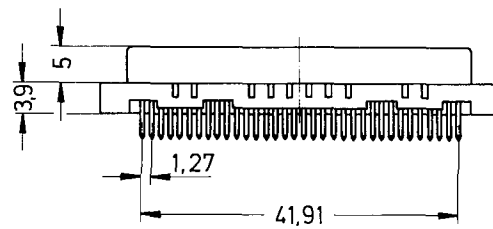


Female connector solder and Press-in pins, straight

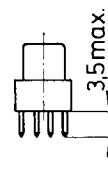
Identification	No. of contacts	Part No.
Female connector with straight pins		
	Solder	Press-in
	68	60 05 068 5100
		60 05 068 5300

Female connector

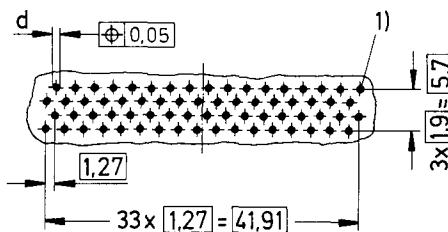
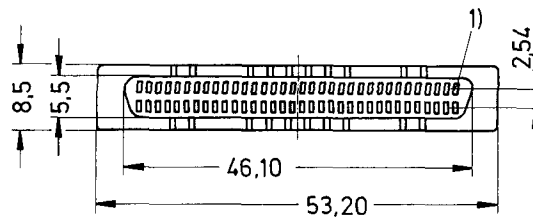
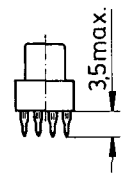
Dimensions in mm



Solder



Press-in



Board drillings  
(Components side)

	d
Solder	0.8 $\pm$ 0.06
Press-in	0.6 $^{+0.07}_{-0.05}$

1) Contact number 1

Press-in recommended characteristics finished hole  $\varnothing$  0.6  $^{+0.07}_{-0.05}$  mm

Drilled hole size  $\varnothing$  0.71 / 0.74 mm  
Cu 30–60  $\mu$ m  
Sn 5–20  $\mu$ m

Board thickness 1.6–3.2 mm

Note: Moulding material LCP allowing reflow for SMC process

Tools see page 40