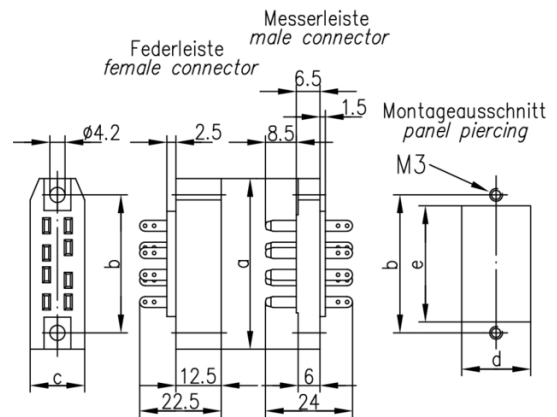


order number: J00045A0912

male connector A 12



Technical Attributes	
Short name	male connector A 12
Size in mm	a=59; b=50; c=15; d=14; e=43
Remarks	solder terminals, 12-way

Product description

Connectors according to DIN 41 618 and DIN 41 622 are knife-/spring contact types. Its rugged design causes a reliable electrical connection. They are mainly used in plug in unit designs and as cable connectors, using metal-/plastic housings with corresponding coding and locking parts.

The termination is soldering. Male connectors with terminals for PCB mounting and with wire wrap posts are possible (on request).

Mechanical Characteristics	
Withdrawal force of a single knife	$\geq 0.8 \text{ N}$
Durability (mating cycles)	≥ 500
Material: contact (finish)	$\geq 6 \mu\text{m Ag}$
Material: insulators	PC gv black
Material: knife contacts	3.0 x 1 mm
Material: terminators	solderable tinned

Climatic Characteristics	
Tested / classified in accordance with DIN IEC 60068-1	40/085/21

Electrical Characteristics	
Contact resistance	
Insulation resistance	≥ 1.000 MΩ
Voltage proof	1.500 V _{eff} /50 Hz
Working voltage	380 AC / 450 DC
Working current at environmental temperature 20° C	8 A
Working current at environmental temperature 40° C	6 A
Working current at environmental temperature at 60° C	4 A