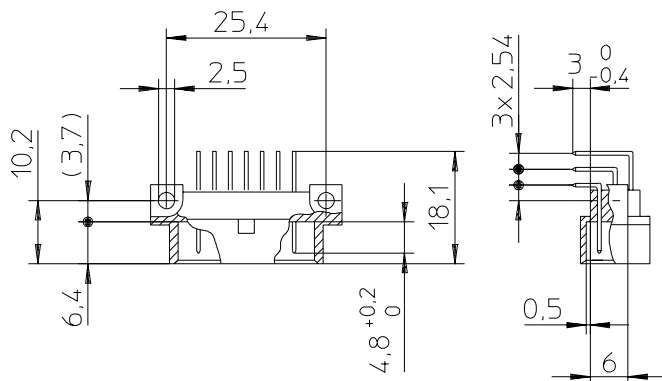
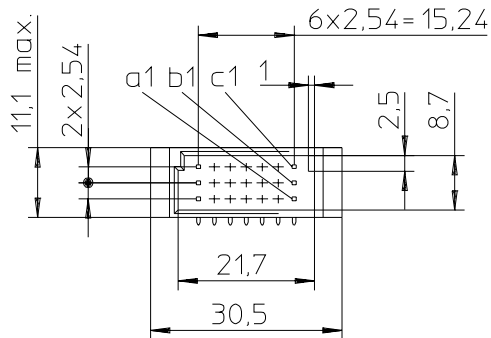


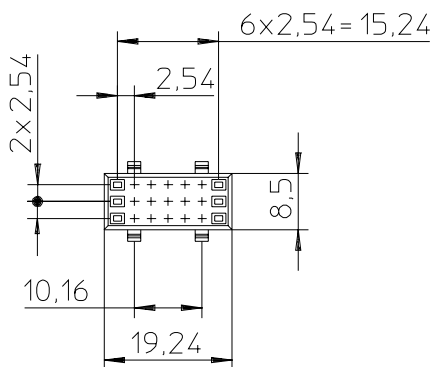
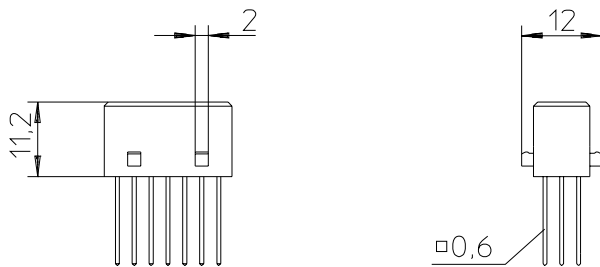
TWO-PART CONNECTORS FOR PRINTED BOARDS



MALE



FEMALE



TYPE C/4

IEC 603

DIN 41612

Complementary to type C

MATERIALS

Connector body	Glass fiber filled polyester
Female contact	Phosphor bronze
Male contact	Copper alloy
Contact plating	Nickel all over + hard gold MIL-G-45204 B Type II (99.0 % gold minimum) Grade C (Knoop hardness 130-200)

ELECTRIC DATA

Current rating	1.5 A at 20 °C 1 A at 80 °C 0.75 A at 100 °C
Proof voltage	Contact/contact 1000 V (rms) Contact/test panel 1550 V (rms)
Insulation resistance	≥ 10 ⁶ MΩ
Contact resistance	≤ 20 mΩ
Minimum distance between	Creepage Clearance
- adjacent contacts	1.2 mm 1.2 mm
- contact and chassis	1.8 mm 1.6 mm

PHYSICAL DATA

Temperature range	-55 °C...+125 °C
Flammability	UL 94 V-0
Insertion force	21 pole ≤ 20 N
Retention force	≥ 0.15 N/contact pair

Mechanical endurance, salt mist, industrial atmosphere and other requirements according to IEC 603.

QUALITY DATA

Contact surfaces mechanically polished.
Dual-beam female contact profiled to trapezoidal form.
Half length of female C/4 is also available (3x3 pos.)

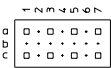
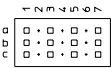
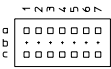
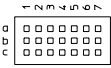
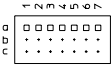
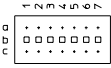
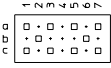
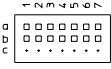
Frames, see C/4L.

Housings, see C/4H.

ORDERING CODE

PERLOS - C/4 014 M S - C1 A - 0,8 / 5 *001
























C/4	CONNECTOR TYPE	
	Three row body 1A Quarter length C	C/4

014	CONTACT ARRANGEMENT AND NUMBER OF POSITIONS	
		008
		012
		014
		021
		A07
		B07
		X10
		B14
Special types	Z	

M	TYPE OF CONTACT	
	Female Male	F M

S	TYPE OF TERMINATION	
	Solder Wrap Press-in	S W P

C1		
	Complete connector with contact finish of gold	

A	TERMINATION STYLE				
		F	FP	M	MP
	Right angle solder tail for 1.6 mm thick boards	A			
	Right angle wire wrap tail	AF			
	Right angle wire wrap tail	AH			
	Straight solder tail for 1.6 mm thick boards	D			
	Straight solder tail for 2.4 mm thick boards (Press-in from 1.5 to 4.0 mm)	E			
	Wire wrap tail	F			
	Wire wrap tail	H			
	Wire wrap tail	K			
	Hand solder hook tail	J			
Hand solder eyelet	O				
Mixed	F/O				

0,8	CONTACT FINISH	
	0,8 1,25 2,5 ...	0.8 µm hard gold over 2 µm nickel 1.25 µm hard gold over 2 µm nickel 2.5 µm hard gold over 3 µm nickel other platings on request

5	TERMINATION FINISH	
	1 5 1,25 0,1 ...	1 µm tinlead over nickel on press-in area 5 µm tinlead over nickel 1.25 µm gold over nickel on contact area (5 mm from the end) 0.1 µm gold over nickel other platings on request

*001	MARKING FOR SPECIAL TYPES	
	E.g. First Make - Last Break Option: Male pins in any row may be extended 0.50 mm for ground before signal applications, please contact manufacturer.	