

Male connector; with angled solder pins; 20-pole; pin spacing 5 mm / 0.197 in; Horizontal PCB mounting; with closed end

Item No.: 231-450/001-000



Male connector; with angled solder pins; 20-pole; pin spacing 5 mm / 0.197 in; Horizontal PCB mounting; with closed end

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	231-450/001-000
GTIN / EAN	4044918866637
Content	1
Order amount	50
Customer item number	

Notes

1.2 x 1.2mm solder pins allow nominal current up to 16A, enhancing stability of shorter headers Enclosed on each side, the pin housing design prevents mismatching Coding option available

Technical data

Miscellaneous

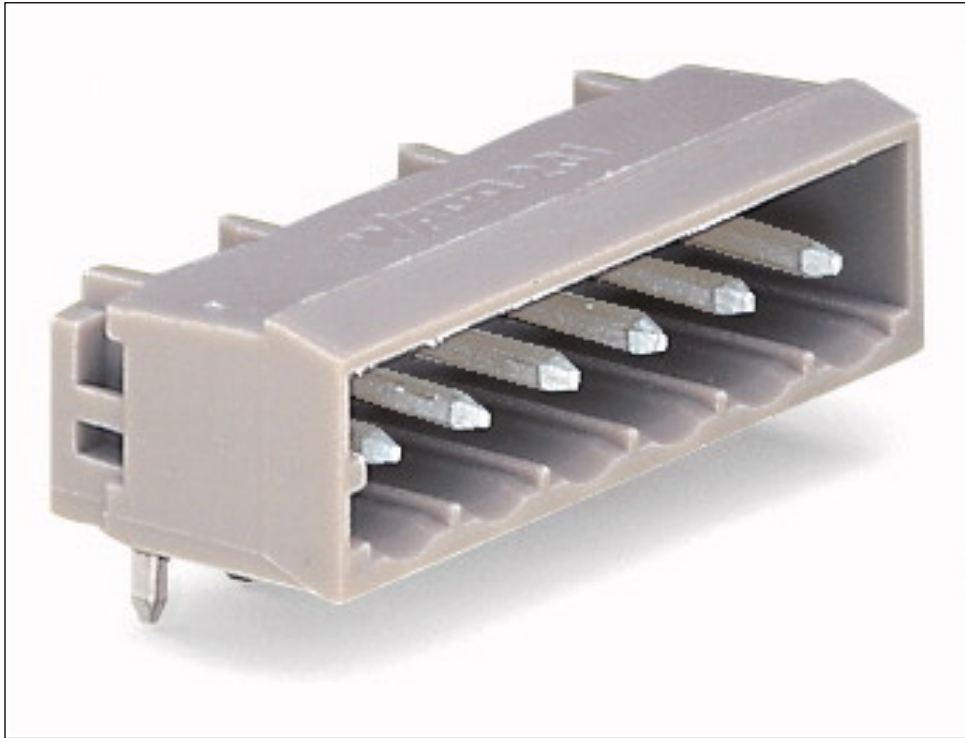
No. of poles	20
Pin Spacing	5 mm / 0.197 in %
Color	gray
Ratings according to 1	IEC/EN 60664-1
Overvoltage category EN 1	III
Pollution degree (1)	2
Rated voltage EN (1) [V]	320 [V]

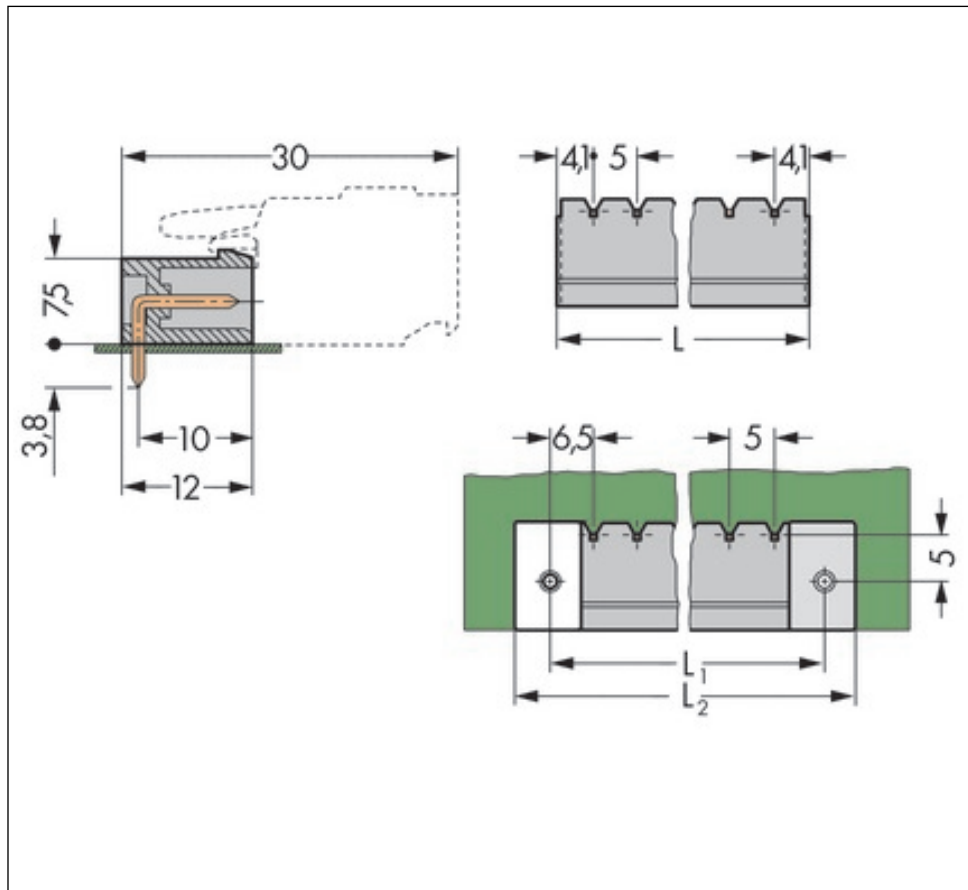
Printview: Male connector; with angled solder pins; 20-pole; pin spacing 5 mm / 0.197 in; Horizontal PCB mounting; with closed end - Item No.: 231-450/001-000

Technical data	
Rated surge voltage (1) [kV]	4 [kV]
Nominal current [A]	12 [A]
Overvoltage category EN 2	II
Degree of pollution (2)	2
Rated voltage EN (2) [V]	630 [V]
Rated surge voltage (2) [kV]	4 [kV]
Nominal current (2) [A]	12 [A]
Overvoltage category EN 3	III
Degree of pollution (3)	3
Rated voltage EN (3) [V]	250 [V]
Rated surge voltage (3) [kV]	4 [kV]
Nominal current (3) [A]	12 [A]
Solder pin length [mm]	3.8 [mm]
Solder pin width A [mm]	1 [mm]
Solder pin width B [mm]	1 [mm]
Tolerance of drilled hole [mm]	1.4(+ 0.1) [mm]
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability rating per UL 94	V0
Limit temperature range	-60 C ... 100 C
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load [MJ]	0.11 [MJ]
Weight [g]	6.45 [g]
Width	103.2 mm / 4.063 in
Height	12.2 mm / 0.48 in
Height from the surface	8.4 mm / 0.331 in
Length	12 mm / 0.472 in

Printview: Male connector; with angled solder pins; 20-pole; pin spacing 5 mm / 0.197 in; Horizontal PCB mounting; with closed end - Item No.: 231-450/001-000

Images & drawings





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Technische Änderungen und Irrtümer vorbehalten.