1847110

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PCB headers, nominal cross section: 2.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Pin, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: MSTBO 2,5/..-GR, pitch: 5.08 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.2 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

Your advantages

- · Well-known mounting principle allows worldwide use
- · Can be combined with the MSTB 2,5 range
- · Maximum flexibility when it comes to device design one header for connectors with different connection technologies

Commercial data

Item number	1847110
Packing unit	50 рс
Minimum order quantity	50 рс
Sales key	AA03
Product key	AACSKB
Catalog page	Page 321 (C-1-2013)
GTIN	4017918121471
Weight per piece (including packing)	1.96 g
Weight per piece (excluding packing)	1.96 g
Customs tariff number	85366930
Country of origin	PL



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Technical data

Product properties

Туре	Header perpendicular to the PCB
Product line	COMBICON Connectors M
Product type	PCB headers
Product family	MSTBO 2,5/GR
Number of positions	3
Pitch	5.08 mm
Number of connections	3
Number of rows	1
Mounting flange	without
Number of potentials	3
Pin layout	Linear pinning
Solder pins per potential	1

Electrical properties

Nominal current I _N	8 A
Nominal voltage U _N	320 V
Degree of pollution	3
Rated voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated surge voltage (III/2)	4 kV
Rated voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV

Mounting

Mounting type	Wave soldering
Pin layout	Linear pinning

Material specifications

Cu alloy
hot-dip tin-plated
Tin (5 - 7 μm Sn)
Tin (5 - 7 μm Sn)

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CTI according to IEC 60112	600
Flammability rating according to UL 94	V0
Glow wire flammability index GWFI according to EN 60695-2-12	850
Glow wire ignition temperature GWIT according to EN 60695-2- 13	775
Temperature for the ball pressure test according to EN 60695- 10-2	125 °C

Notes

Notes on operation	In accordance with IEC 61984, COMBICON connectors have no
	switching power (COC). During designated use, they must not be
	plugged in or disconnected when carrying voltage or under load.

Dimensions

Dimensional drawing	Pt h
Pitch	5.08 mm
Width [w]	15.19 mm
Height [h]	23.62 mm
Length [I]	33.85 mm
Installed height	20.42 mm
Solder pin length [P]	3.2 mm
Pin dimensions	0.32 x 1.2 mm
PCB design	
Hole diameter	1.3 mm

Electrical tests

Insulating material group	1
Rated insulation voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated insulation voltage (III/2)	320 V
Rated surge voltage (III/2)	4 kV
Rated insulation voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV

Environmental and real-life conditions

Ambient temperature (operation)	-40 °C 100 °C (dependent on the derating curve)
Ambient temperature (storage/transport)	-40 °C 70 °C

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Relative humidity (storage/transport)	30 % 70 %	
Ambient temperature (assembly)	-5 °C 100 °C	
Packaging specifications		





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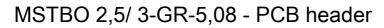
Classifications

ECLASS

ECLASS-12.0 27460201 ECLASS-13.0 27460201	ECLASS-11.0	27460201
ECLASS-13.0 27460201	ECLASS-12.0	27460201
	ECLASS-13.0	27460201

ETIM

	ETIM 9.0	EC002637
UNSPSC		
	UNSPSC 21.0	39121400



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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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