# imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Color: Black, Contact surface: Tin, Assembly: SMD/THT/THR, User information and design recommendations on through hole reflow technology can be found at: http://www.combicon.com



The figure shows a 10-position version of the product

#### Why buy this product

- Standard pin length of 2.6 mm, other pin lengths available on request
- Plug-in direction parallel to the PCB
- Delivery form: box packaging, in bulk for small series
- ☑ Use in SMT reflow processes



#### Key commercial data

Packing unit	1	
Minimum order quantity	50	
Catalog page	Page 272 (CC-2011)	
GTIN	4 017918 925758	
Custom tariff number	85366990	
Country of origin	GERMANY	

#### Technical data

#### **Dimensions / positions**

Length	12 mm
Pitch	5.08 mm
Dimension a	15.24 mm
Number of positions	4
Pin dimensions	1 x 1 mm
Pin spacing	5.08 mm
Hole diameter	1.6 mm

#### Technical data

Range of articles	CCA 2,5/G
Insulating material group	Illa



#### Technical data

#### Technical data

Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/2)	320 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current IN	12 A
Nominal voltage UN	250 V
Maximum load current	12 A (per position)
Insulating material	LCP
Inflammability class according to UL 94	V0
Color	Black
Nominal voltage, UL/CUL Use Group B	250 V
Nominal current, UL/CUL Use Group B	10 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

#### Classifications

#### eclass

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402

#### etim

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

#### unspsc

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

#### Approvals

#### Approvals



#### Approvals

#### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

#### Ex Approvals

Approvals submitted

#### Approval details

	В	D
Nominal current IN	10 A	10 A
Nominal voltage UN	250 V	300 V

 B
 D

 Nominal current IN
 12 A
 10 A

 Nominal voltage UN
 250 V
 300 V



cULus Recognized

#### Accessories

#### Accessories

Marking

#### Marker cards - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Marker cards, Card, white, Labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 5.08 mm



Accessories

Marker cards - SK 5,08/3,8:UNBEDRUCKT - 0805412



Marker cards, Card, white, Unlabeled, Can be labeled with: Thermomark R, Thermomark X, Thermomark S, Mounting type: Adhesive, For terminal block width: 5.08 mm

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Plug/Adapter

Keying star - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

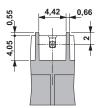
Coding section - CR-MSTB NAT HT - 1954362



HT keying section, prior to the reflow soldering process it is inserted into the recess on the header, made

#### Drawings

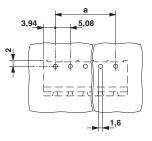
#### Dimensioned drawing



from high-temperature-resistant beige insulation material

Bottom view, free space for solder paste, 0.5 mm deep

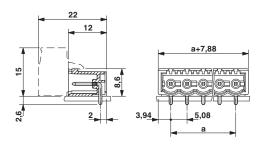
#### Drilling diagram



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Dimensioned drawing



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