

Base strip - DFK-MSTB 2,5/ 6-G-5,08 - 0707280

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Assembly: Direct mounting, Accessory order no. 5030172 can only be used in conjunction with MSTB 2,5/...ST-5,08 and MSTBT 2,5/...ST-5,08.

The figure shows a 10-position version of the product

Why buy this product

- Can be fixed in housing panels up to 6 mm thick using two M3 x 10 screws
- Outside: plug-in connection for corresponding MSTB 2,5 or FKC 2,5 plugs
- Inside: solder or 2.8 mm slip-on plug-in connection that can be combined
- Headers for assembly in a device/housing panel



Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 324 (CC-2011)
GTIN	 4 017918 004057
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Dimensions / positions

Pitch	5.08 mm
Dimension a	25.4 mm
Number of positions	6

Technical data

Range of articles	DFK-MSTB 2,5/..-G
Insulating material group	I
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

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Technical data

Technical data

Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal voltage U_N	320 V
Nominal cross section	2.5 mm ²
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V2
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	15 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	15 A

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

Classifications

ETIM

ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283

UNSPSC

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

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27141190
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402

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Approvals

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CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / IECCE CB Scheme / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA		
	B	D
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

UL Recognized		
	B	D
Nominal current IN	15 A	10 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung	
Nominal current IN	12 A
Nominal voltage UN	250 V

cUL Recognized		
	B	D
Nominal current IN	15 A	10 A
Nominal voltage UN	300 V	300 V

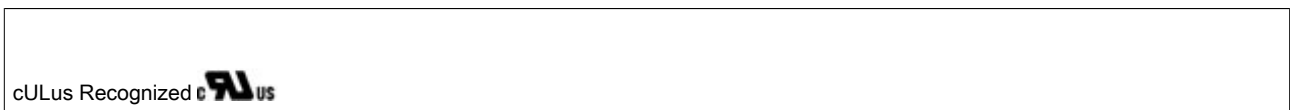
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Approvals



IECEE CB Scheme

Nominal current I _N	12 A
Nominal voltage U _N	250 V



Accessories

Accessories

Assembly

Screw set - DFK-MSTB-SS - 0708263



Screw set, for securing the header to the device wall, consists of an M3 x 10 screw, with a spring washer and a nut

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

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Accessories

Accessories - DFK-MSTB-R - 5030172



Locking latch, red insulating material, for housings MSTB 2.5/...ST and MSTBT 2.5/...ST

Plug/Adapter

Keying star - CR-MSTB - 1734401



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

Additional products

Printed-circuit board connector - FKC 2,5/ 6-ST-5,08 - 1873090



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Base strip - A-ICV 2,5/ 6-G-5,08 - 1872732



Base strip, Nominal current: 12 A, Nominal voltage: 250 V, Mounting type: DIN rail mounting, Number of positions: 6, Pitch: 5.08 mm, Color: green

Printed-circuit board connector - TMSTBP 2,5/ 6-ST-5,08 - 1853052



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, The plug allows conductors to be looped through from module to module.

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Accessories

Printed-circuit board connector - SMSTB 2,5/ 6-ST-5,08 - 1826322

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - MSTBC 2,5/ 6-STZ-5,08 - 1809543

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte



Printed-circuit board connector - MSTBC 2,5/ 6-ST-5,08 - 1808858

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte



Printed-circuit board connector - MVSTBW 2,5/ 6-ST-5,08 - 1792799

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - MVSTBR 2,5/ 6-ST-5,08 - 1792281

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Base strip - IC 2,5/ 6-G-5,08 - 1786446

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering



Base strip - DFK-MSTB 2,5/ 6-G-5,08 - 0707280

Accessories

Printed-circuit board connector - FKCVR 2,5/ 6-ST-5,08 - 1873993



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/ 6-ST-5,08 - 1873692



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Base strip - ICV 2,5/ 6-G-5,08 - 1785984



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Printed-circuit board connector - MSTBT 2,5/ 6-ST-5,08 - 1781027



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FRONT-MSTB 2,5/ 6-ST-5,08 - 1777329



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Base strip - DFK-MSTB 2,5/ 6-G-5,08 - 0707280

Accessories

Printed-circuit board connector - MSTB 2,5/ 6-STZ-5,08 - 1776126



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBP 2,5/ 6-ST-5,08 - 1769052



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - QC 1/ 6-ST-5,08 - 1883297



Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/ 6-ST-5,08 - 1757051



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCT 2,5/ 6-ST-5,08 - 1902152

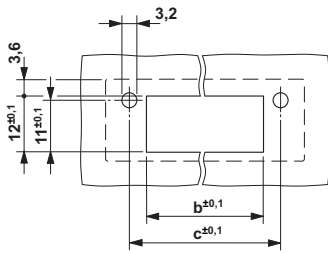


Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

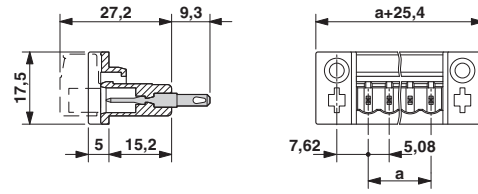
Drawings

Base strip - DFK-MSTB 2,5/ 6-G-5,08 - 0707280

Drilling diagram



Dimensioned drawing



Dimension b: $3.02 \text{ mm} + (\text{no. of pos.} \times 5.08 \text{ mm})$
Dimension c: $\text{Dim. b} + 7.14 \text{ mm}$

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