

Printed-circuit board connector - DFK-MSTB 2,5/15-G-5,08 - 0707361

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Feed-through header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, pitch: 5.08 mm, connection method: Solder/Slip-on connection, color: green, contact surface: Tin, mounting: 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

- ✓ Cable connection on the inside of the device enables flexible positioning of the panel feed-through
- ✓ Free choice – permanent solder connection or standardized slip-on connection
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 004132
GTIN	4017918004132
Weight per Piece (excluding packing)	14.520 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	17.5 mm
Width [w]	96.52 mm
Height [h]	29.5 mm
Pitch	5.08 mm
Dimension a	71.12 mm

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Technical data

Dimensions

Dimensions of slip-on connection	2,8 x 0,8 mm
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General

Range of articles	DFK-MSTB 2,5/...-G
Type of contact	Male connector
Number of positions	15
Connection method	Solder/Slip-on connection
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/3)	320 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal cross section	2.5 mm ²
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V2

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Dimensions of slip-on connection	2,8 x 0,8 mm

Standards and Regulations

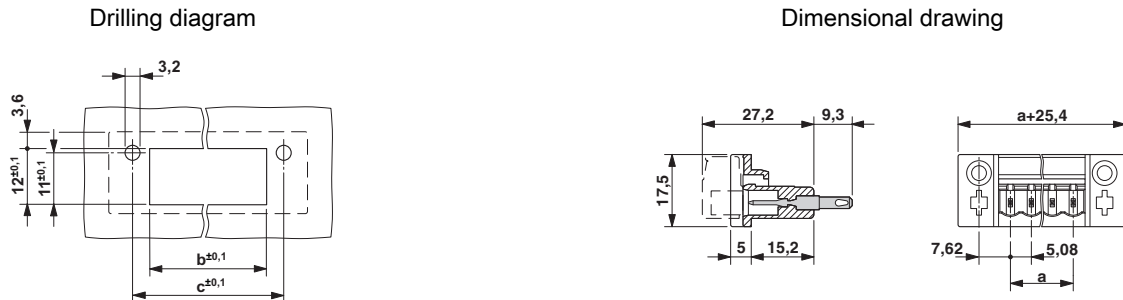
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V2

Environmental Product Compliance

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

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Drawings



Dimension b: 3.02 mm + (no. of pos. x 5.08 mm)
Dimension c: Dim. b + 7.14 mm

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141134
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC002637
ETIM 6.0	EC001283

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121410

Approvals

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Approvals

Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / cULus Recognized / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	15 A	

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40004701
Nominal voltage UN	250 V		
Nominal current IN	12 A		

IECEE CB Scheme		http://www.iecee.org/	DE1-58978-B1B2
Nominal voltage UN	250 V		
Nominal current IN	12 A		

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931011
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	15 A	

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Approvals

EAC



B.01742

Accessories

Accessories

Coding element

Coding star - CR-MSTB - 1734401



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

Filler plug

Accessories - MSTB-BL - 1755477



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

Mounting material

Printed-circuit board connector - 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

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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

Additional products

Printed-circuit board connector - MSTBP 2,5/15-ST-5,08 - 1769146



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MSTBT 2,5/15-ST-5,08 - 1781111



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - FRONT-MSTB 2,5/15-ST-5,08 - 1777413



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, pitch: 5.08 mm, connection method: Front screw connection, color: green, contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/15-ST-5,08 - 1792883



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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Accessories

Printed-circuit board connector - MSTB 2,5/15-ST-5,08 - 1757145



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/15-ST-5,08 - 1873786



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKC 2,5/15-ST-5,08 - 1873184



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - SMSTB 2,5/15-ST-5,08 - 1826416



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MSTBC 2,5/15-STZ-5,08 - 1809637



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, 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

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Accessories

Printed-circuit board connector - MSTBC 2,5/15-ST-5,08 - 1808942



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, 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 - MVSTBR 2,5/15-ST-5,08 - 1792375



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Feed-through header - IC 2,5/15-G-5,08 - 1786530



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

Feed-through header - ICV 2,5/15-G-5,08 - 1786077



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

Printed-circuit board connector - MSTB 2,5/15-STZ-5,08 - 1764251



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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Accessories

Printed-circuit board connector - FKCVR 2,5/15-ST-5,08 - 1874086



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - QC 1/15-ST-5,08 - 1883831



PCB connector, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 15, pitch: 5.08 mm, connection method: Displacement connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCT 2,5/15-ST-5,08 - 1902246



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 15, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin