

Printed-circuit board connector - FKCN 2,5/ 3-ST - 1732755

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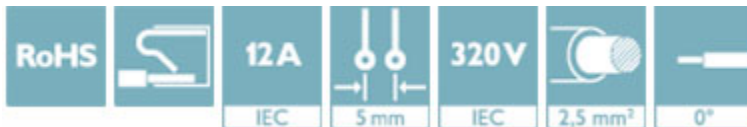
PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin




The figure shows a 10-position version of the product

Your advantages

- ✓ Time saving push-in connection, tools not required
- ✓ Intuitive use through colour coded actuation lever
- ✓ Extremely small design for the respective conductor cross section
- ✓ Quick and convenient testing using integrated test option
- ✓ Can be combined with the MSTB 2,5 range



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 046356 163644
GTIN	4046356163644
Weight per Piece (excluding packing)	4.090 g
Custom tariff number	85366990
Country of origin	Bulgaria

Technical data

Dimensions

Length [l]	27.1 mm
Width [w]	15 mm
Height [h]	10.9 mm

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Technical data

Dimensions

Pitch	5 mm
Dimension a	10 mm

General

Range of articles	FKCN 2,5/..-ST
Number of positions	3
Connection method	Push-in spring 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	PBT
Flammability rating according to UL 94	V0
Stripping length	10 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16

Standards and Regulations

Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Environmental Product Compliance

Printed-circuit board connector - FKCN 2,5/ 3-ST - 1732755

Technical data

Environmental Product Compliance

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

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440309
eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638
ETIM 6.0	EC002638

UNSPSC

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

Approvals

Approvals

Approvals

IECEE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC


Ex Approvals

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Approvals

Approval details

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-58427
Nominal voltage UN	400 V		
Nominal current IN	12 A		
mm²/AWG/kcmil	0.2-2.5		

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40041908
Nominal voltage UN	400 V		
Nominal current IN	12 A		
mm²/AWG/kcmil	0.2-2.5		

EAC		B.01742	
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Accessories

Additional products

Printed-circuit board connector - CCDN 2,5/ 3-G1 P26 THR - 1734287



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: black, contact surface: Tin, mounting: THR soldering

Feed-through header - MSTBW 2,5/ 3-G - 1736108



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering

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Accessories

Feed-through header - MDSTBV 2,5/ 3-G1 - 1736726



PCB headers, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering, In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Feed-through header - MSTBV 2,5/ 3-G - 1753453



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering

Feed-through header - MSTB 2,5/ 3-G - 1754452



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering

Printed-circuit board connector - MSTBVA 2,5/ 3-G - 1755529



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering

Printed-circuit board connector - MSTBA 2,5/ 3-G - 1757488



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering

Printed-circuit board connector - FKCN 2,5/ 3-ST - 1732755

Accessories

Feed-through header - MDSTBV 2,5/ 3-G - 1763045



PCB headers, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering, Can be aligned! Mounting flange: Order No. 1836477, 1836480. In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Feed-through header - MSTB 2,5/ 3-G-LA - 1768192



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering

Printed-circuit board connector - SMSTB 2,5/ 3-G - 1769243



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering

Feed-through header - SMSTBA 2,5/ 3-G - 1769816



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering

Feed-through header - MSTBA 2,5/ 3-G-LA - 1770494



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering

Printed-circuit board connector - FKCN 2,5/ 3-ST - 1732755

Accessories

Feed-through header - MDSTBW 2,5/ 3-G - 1802427



PCB headers, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Feed-through header - MDSTBVA 2,5/ 3-G - 1845798



PCB headers, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Feed-through header - MDSTBA 2,5/ 3-G - 1846522



PCB headers, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Feed-through header - MSTBO 2,5/ 3-G1L - 1861028



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Soldering, Article with lateral pin exit

Feed-through header - MSTBO 2,5/ 3-G1R - 1861031



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Soldering, Article with lateral pin exit

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Accessories

Feed-through header - MDSTBA 2,5/ 3-GL - 1874691



PCB headers, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Feed-through header - MDSTBA 2,5/ 3-GR - 1874701



PCB headers, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Feed-through header - MDSTBVA 2,5/ 3-GL - 1874730



PCB headers, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Feed-through header - MDSTBVA 2,5/ 3-GR - 1874743



PCB headers, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Feed-through header - EMSTBA 2,5/ 3-G - 1899854



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Press-in technology

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Accessories

Feed-through header - EMSTBVA 2,5/ 3-G - 1914865



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Press-in technology

Feed-through header - MSTBA 2,5/ 3-G THT - 1927506



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Printed-circuit board connector - MSTBVA 2,5/ 3-G THT - 1941016



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Feed-through header - MSTBV 2,5/ 3-G THT - 1963955



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: black, contact surface: Tin, mounting: Soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Feed-through header - MSTBO 2,5/ 3-G1L KMGY - 2853750



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: light gray, contact surface: Tin, mounting: Soldering

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Accessories

Feed-through header - MSTBO 2,5/ 3-G1R KMGY - 2853763



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: light gray, contact surface: Tin, mounting: Soldering

Feed-through header - MSTBO 2,5/ 3 G1L THRR44 BK - 2915216



PCB headers, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: black, contact surface: Tin, mounting: Taped SMD/THT/THR components

Feed-through header - MSTBO 2,5/ 3 G1R THRR44 BK - 2915229



PCB headers, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: black, contact surface: Tin, mounting: Taped SMD/THT/THR components