

Feed-through header - MSTBA 2,5/ 6-G-5,08 AU - 1748248

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PCB headers, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, color: green, contact surface: Gold, mounting: Wave soldering




The figure shows the 10-position version

Your advantages

- ✓ Gold-plated contacts ensure transfer quality remains stable over the long term
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Well-known mounting principle allows worldwide use
- ✓ Plug-in direction parallel to the PCB
- ✓ Closed contour for optimum stability of the plug-in connection



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 319908
GTIN	4017918319908
Weight per Piece (excluding packing)	2.970 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	12 mm
Width	32.48 mm
Pitch	5.08 mm

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Technical data

Dimensions

Dimension a	25.4 mm
Width [w]	32.48 mm
Height [h]	12.1 mm
Height	8.6 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm
Length	12 mm

General

Range of articles	MSTBA 2,5/..-G
Insulating material group	IIIa
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)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	12 A
Maximum load current	12 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	6

Standards and Regulations

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

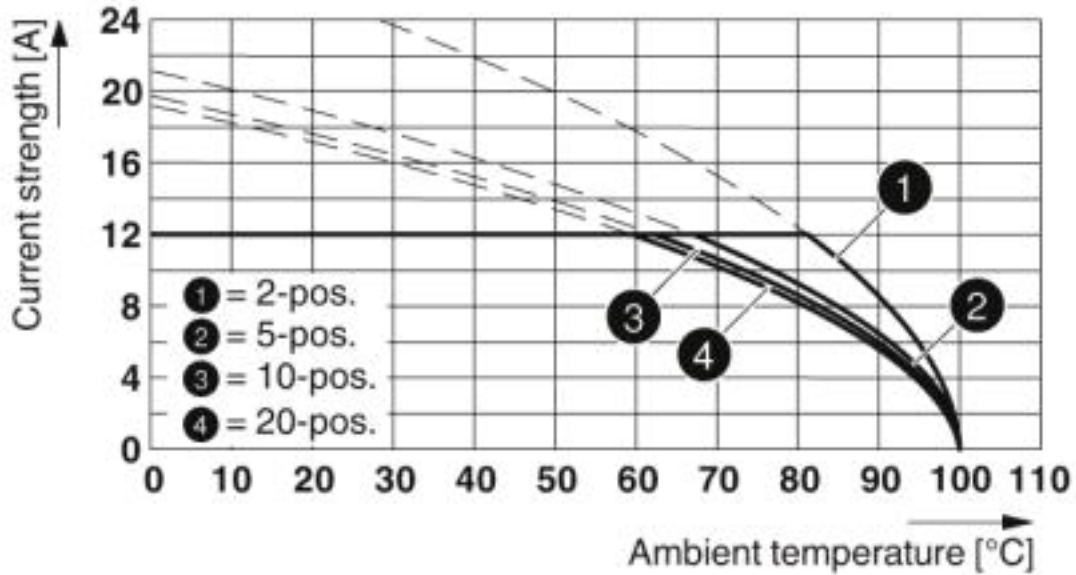
Environmental Product Compliance

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

Drawings

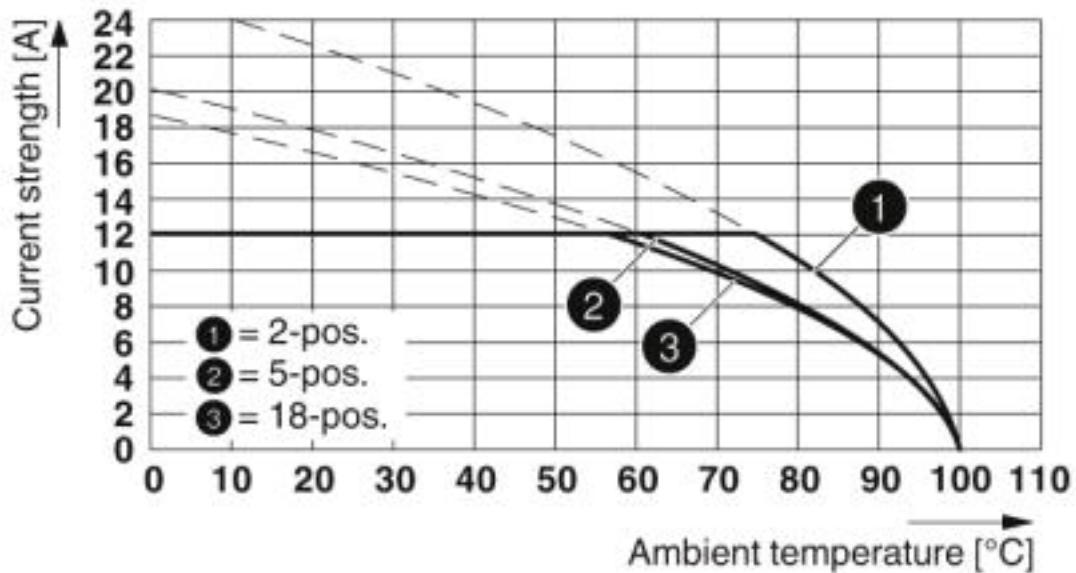
Feed-through header - MSTBA 2,5/ 6-G-5,08 AU - 1748248

Diagram



Type: MSTBP 2,5/...-ST-5,08 AU with MSTBA 2,5/...-G-5,08 AU

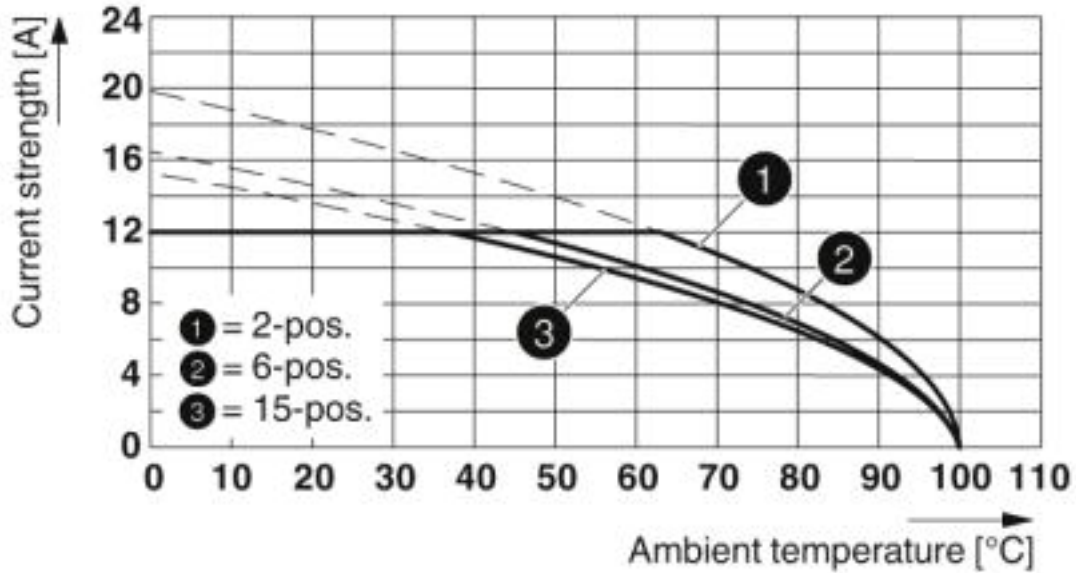
Diagram



Type: MSTB 2,5/...-ST-5,08 AU with MSTBA 2,5/...-G-5,08 AU

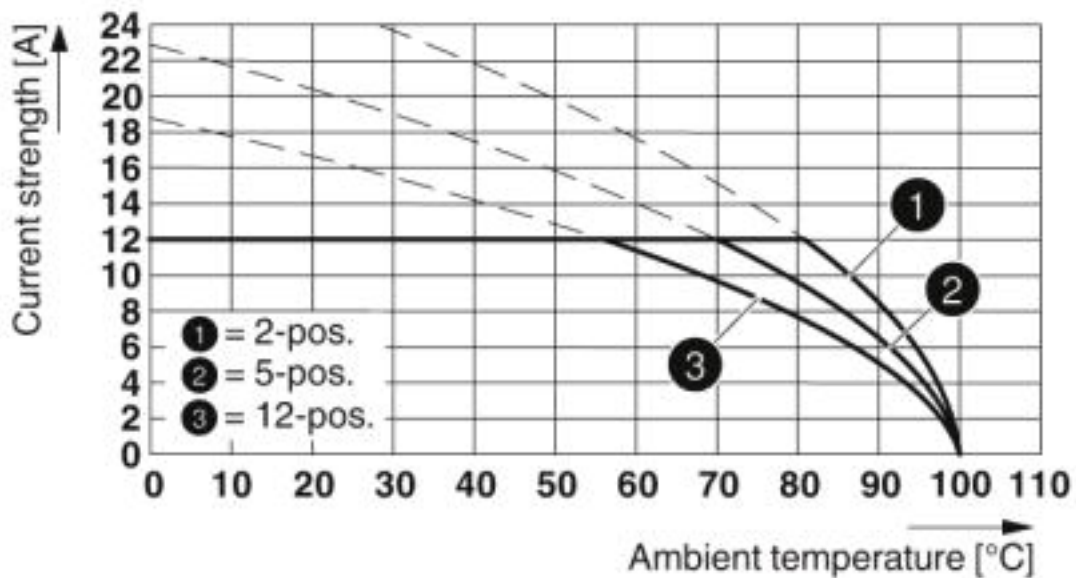
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Diagram



Type: MVSTBR 2,5/...-ST-5,08 AU with MSTBA 2,5/...-G-5,08 AU

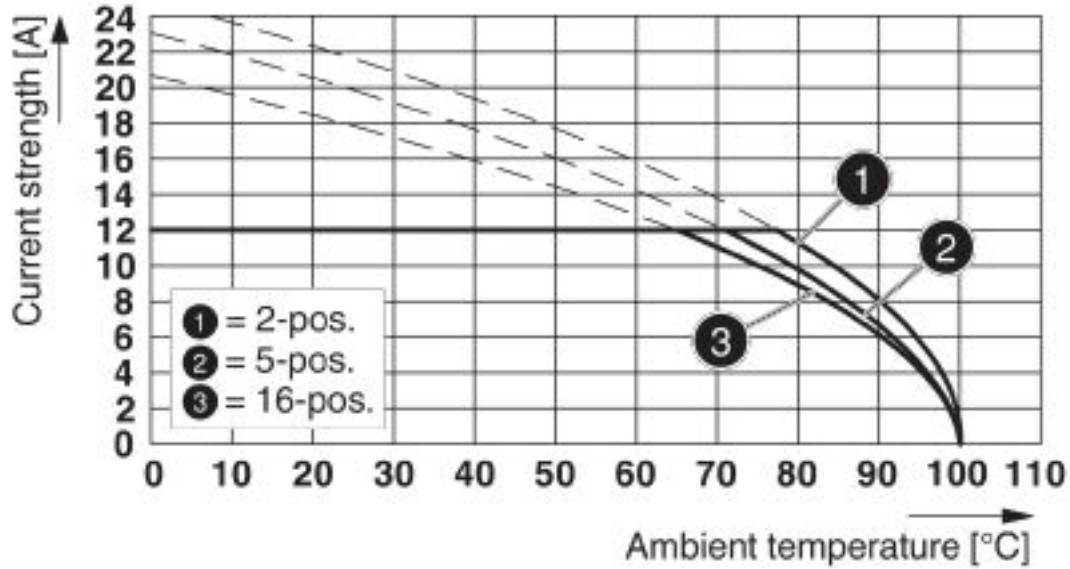
Diagram



Type: TMSTBP 2,5/...-ST-5,08 AU with MSTBA 2,5/...-G-5,08 AU

Feed-through header - MSTBA 2,5/ 6-G-5,08 AU - 1748248

Diagram



Type: FKC 2,5/...-ST-5,08 AU with MSTBA 2,5/...-G-5,08 AU

Classifications

eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637
ETIM 7.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
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Classifications

UNSPSC

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 / cULus Recognized

Ex Approvals

Approval details

IECEE CB Scheme		http://www.iecee.org/	DE1-60988-B1B2
Nominal voltage UN	250 V		
Nominal current IN	12 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		

EAC		B.01742
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Approvals

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

Accessories

Accessories

Coding element

Coding section - 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

Labeled terminal marker

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



Marker card, 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, lettering field size: 5.08 x 3.8 mm

Marker pen

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Accessories

Marker pen - B-STIFT - 1051993



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

Terminal marking

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



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, mounting type: adhesive, for terminal block width: 5.08 mm, lettering field size: 5.08 x 3.8 mm

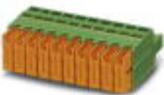
Additional products

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



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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



PCB connector, nominal current: 10 A, number of positions: 6, pitch: 5.08 mm, connection method: Displacement connection, color: green, contact surface: Tin

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



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Front screw connection, color: green, contact surface: Tin

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Accessories

Feed-through header - IC 2,5/ 6-G-5,08 - 1786446

PCB headers, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering



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

PCB connector, nominal current: 12 A, 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

PCB connector, nominal current: 12 A, 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 - FKCVR 2,5/ 6-ST-5,08 - 1873993

PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



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

PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



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Accessories

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



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Feed-through header - A-ICV 2,5/ 6-G-5,08 - 1872732



Feed-through header, nominal current: 12 A, nom. 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



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, The plug allows conductors to be looped through from module to module.

Printed-circuit board connector - UMSTBVK 2,5/ 6-ST-5,08 - 1833852



DIN rail connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, mounting: DIN rail

Printed-circuit board connector - MSTBVK 2,5/ 6-ST-5,08 - 1831359



DIN rail connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, mounting: DIN rail

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Accessories

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



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MSTBU 2,5/ 6-ST-5,08-FL - 1824395



Direct plug-in block, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, mounting: Direct mounting

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



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - MSTBU 2,5/ 6-STD-5,08 - 1824162



Direct plug-in block, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, mounting: Direct mounting

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



PCB connector, nominal current: 12 A, number of positions: 6, 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 - MVSTBR 2,5/ 6-ST-5,08 - 1792281



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Feed-through header - ICV 2,5/ 6-G-5,08 - 1785984



PCB headers, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

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



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin
