Feed-through header - MSTBA 2,5/ 5-G-5,08 ABGY AU - 1849024

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The figure shows version MSTBA 2,5/5-G-5,08 AU

PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 5, pitch: 5.08 mm, color: Agate gray, contact surface: Gold, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, Gold-plated contact surface / color: Gray RAL 7038

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	50 pc
Minimum order quantity	50 pc
GTIN	4 017918 264260
GTIN	4017918264260

Technical data

Dimensions

Length [l]	12 mm
Width	27.4 mm
Pitch	5.08 mm
Dimension a	20.32 mm
Width [w]	27.4 mm
Height [h]	12.5 mm
Height	9 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm

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Technical data

Dimensions

Length	12 mm

General

Range of articles	MSTBA 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/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	PA
Flammability rating according to UL 94	V0
Color	Agate gray
Number of positions	5

Standards and Regulations

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

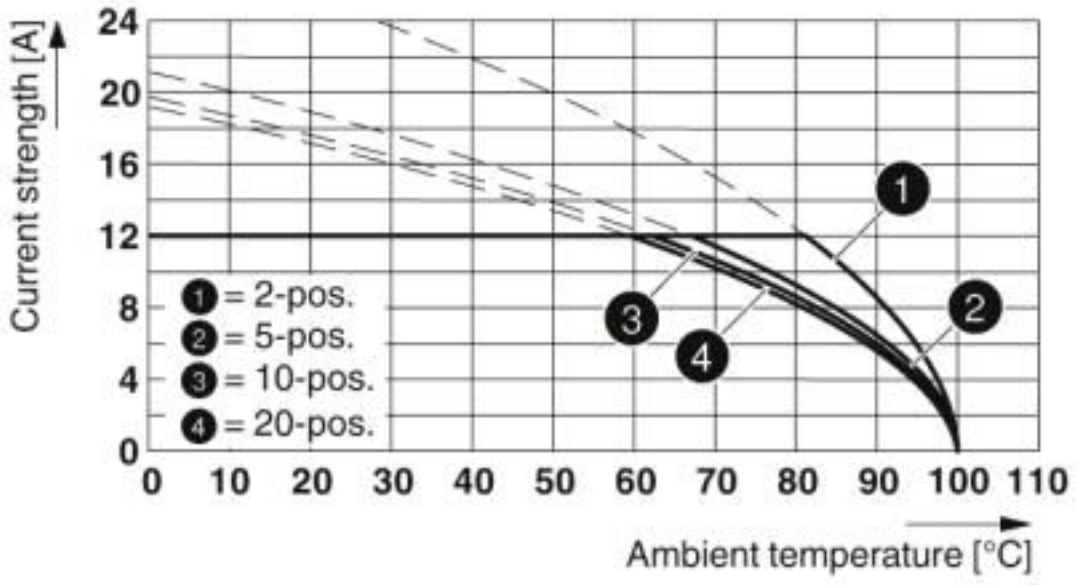
Environmental Product Compliance

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

Drawings

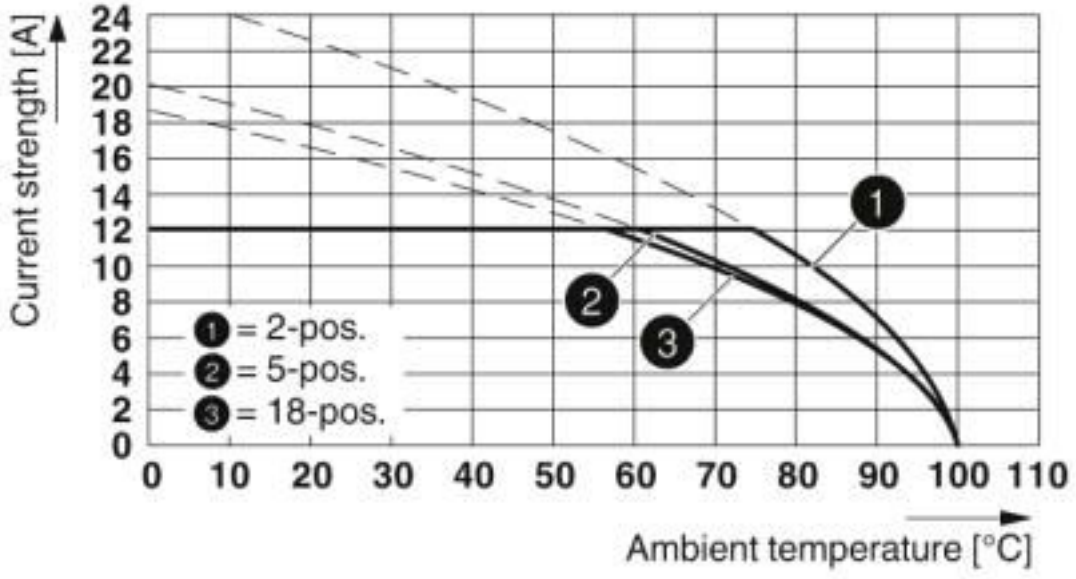
Feed-through header - MSTBA 2,5/ 5-G-5,08 ABGY AU - 1849024

Diagram



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

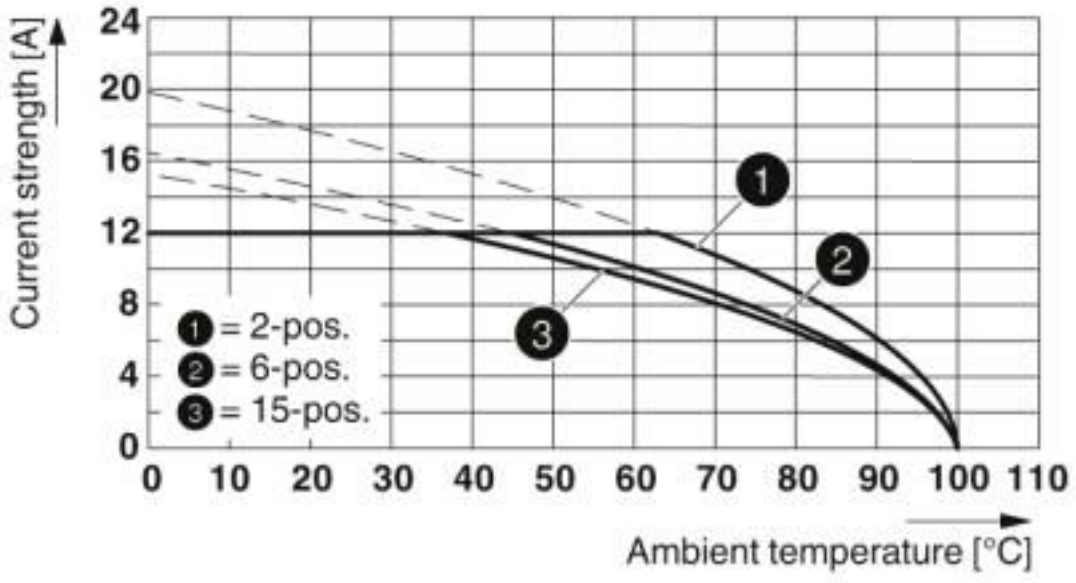
Diagram



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

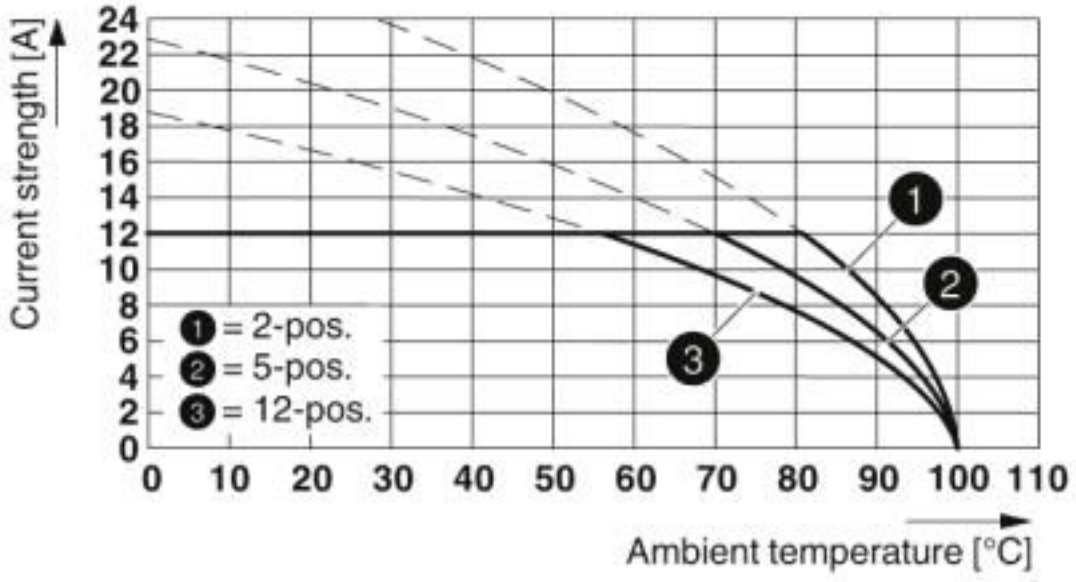
Feed-through header - MSTBA 2,5/ 5-G-5,08 ABGY AU - 1849024

Diagram



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

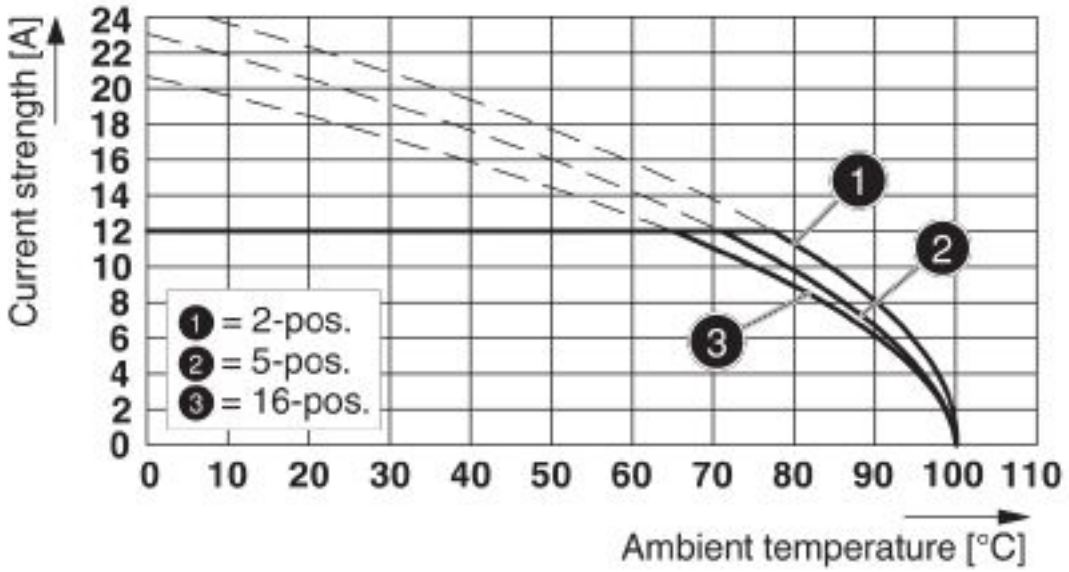
Diagram



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

Feed-through header - MSTBA 2,5/ 5-G-5,08 ABGY AU - 1849024

Diagram



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

Classifications

eCl@ss

eCl@ss 10.0.1	27440402
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
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409

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Classifications

UNSPSC

UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

Approvals

Approvals

Approvals

IECEE CB Scheme / EAC / cULus Recognized / VDE Zeichengenehmigung

Ex Approvals

Approval details

IECEE CB Scheme — http://www.iecee.org/ — DE1-60988-B1B2

Nominal voltage UN	250 V
Nominal current IN	12 A

EAC — B.01687

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

VDE Zeichengenehmigung — http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx — 40050648

Nominal voltage UN	250 V

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Approvals

Nominal current IN	12 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

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

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Accessories

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/ 5-ST-5,08 AU - 1752399

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Gold

Printed-circuit board connector - MVSTBR 2,5/ 5-ST-5,08 AU - 1783928

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Gold

Printed-circuit board connector - MVSTBW 2,5/ 5-ST-5,08 AU - 1810286

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Gold

Printed-circuit board connector - MSTBP 2,5/ 5-ST-5,08 ABGY AU - 1849011

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: Agate gray, contact surface: Gold

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Accessories

Printed-circuit board connector - MSTB 2,5/ 5-ST-5,08 ABGY AU - 1849037

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: Agate gray, contact surface: Gold

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Printed-circuit board connector - TMSTBP 2,5/ 5-ST-5,08 ABGY AU - 1853191

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: Agate gray, contact surface: Gold, The plug allows conductors to be looped through from module to module.

Printed-circuit board connector - TMSTBP 2,5/ 5-ST-5,08 AU - 1877973

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Gold, The plug allows conductors to be looped through from module to module.

Printed-circuit board connector - FKCT 2,5/ 5-ST-5,08 AU - 1950492

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 5, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Gold

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Printed-circuit board connector - TFKC 2,5/ 5-ST-5,08 AU - 1965461

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 5, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Gold

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Accessories

Printed-circuit board connector - FKC 2,5/ 5-ST-5,08 AU - 1967919

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 5, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Gold

Printed-circuit board connector - FKCVR 2,5/ 5-ST-5,08 AU - 1967922

PCB connector, number of positions: 5, pitch: 5.08 mm, color: green, contact surface: Gold

Printed-circuit board connector - FKCVW 2,5/ 5-ST-5,08 AU - 1967935

PCB connector, number of positions: 5, pitch: 5.08 mm, color: green, contact surface: Gold

Printed-circuit board connector - MSTBP 2,5/ 5-ST-5,08 AU - 1967948

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Gold

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