

Feed-through header - MSTBW 2,5/ 5-GF-5,08 6,03 ABAU - 1845109

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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

- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- Well-known mounting principle allows worldwide use
- Stand-offs enable the PCB to be cleaned or sealed



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918217457
Weight per Piece (excluding packing)	4.300 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	12 mm
Width	25.4 mm
Pitch	5.08 mm
Dimension a	20.32 mm
Width [w]	25.4 mm
Height [h]	15.92 mm
Height	12.42 mm

Feed-through header - MSTBW 2,5/ 5-GF-5,08 6,03 ABAU - 1845109

Technical data

Dimensions

Length of the solder pin	3.5 mm
Length	12 mm

General

Range of articles	MSTBW 2,5/...-GF(6,03)
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	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

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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

Feed-through header - MSTBW 2,5/ 5-GF-5,08 6,03 ABAU - 1845109

Classifications

eCl@ss

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

Approvals

Approvals

Approvals

CSA / EAC / cULus Recognized

Ex Approvals

Approval details

Feed-through header - MSTBW 2,5/ 5-GF-5,08 6,03 ABAU - 1845109

Approvals

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

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

Feed-through header - MSTBW 2,5/ 5-GF-5,08 6,03 ABAU - 1845109

Accessories

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

Additional products

Printed-circuit board connector - TMSTBP 2,5/ 5-STF-5,08 ABGY AU - 1853201



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 - MSTB 2,5/ 5-STF-5,08 AU - 1876628



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-STF-5,08 ABGY AU - 1879065



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

Printed-circuit board connector - MSTB 2,5/ 5-STF-5,08 ABGY AU - 1882832



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

Feed-through header - MSTBW 2,5/ 5-GF-5,08 6,03 ABAU - 1845109

Accessories

Printed-circuit board connector - MVSTBW 2,5/ 5-STF-5,08 AU - 1908253



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-STF-5,08 ABGY AU - 1908538



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

Printed-circuit board connector - TMSTBP 2,5/ 5-STF-5,08 AU - 1908732



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 - MVSTBR 2,5/ 5-STF-5,08 AU - 1916902



PCB connector, nominal current: 12 A, 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-STF-5,08 ABGY AU - 1919666



PCB connector, nominal current: 12 A, 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

Feed-through header - MSTBW 2,5/ 5-GF-5,08 6,03 ABAU - 1845109

Accessories

Printed-circuit board connector - MSTBP 2,5/ 5-STF-5,08 AU - 1944479



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 - FKC 2,5/ 5-STF-5,08 AU - 1945672



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-STF-5,08 AU - 1948996



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

Printed-circuit board connector - FKCVW 2,5/ 5-STF-5,08 AU - 1950515



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

Printed-circuit board connector - TFKC 2,5/ 5-STF-5,08 AU - 1962590



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

Feed-through header - MSTBW 2,5/ 5-GF-5,08 6,03 ABAU - 1845109

Accessories

Printed-circuit board connector - FKCT 2,5/ 5-STF-5,08 AU - 1966907



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