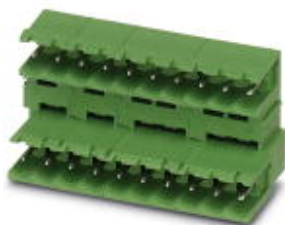


## Feed-through header - MDSTB 2,5/10-G-5,08 - 1842597

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PCB headers, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, Can be aligned! Mounting flange: Order No. 1736771, 1736768. 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!

The figure shows a 10-pos. version with 20 contacts

### Your advantages

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Easy PCB replacement thanks to plug-in modules
- ✓ Well-known mounting principle allows worldwide use
- ✓ Conductor connection on several levels enables higher contact density



### Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4017918184445

### Technical data

#### Dimensions

Length [ l ]	22.1 mm
Width	53.34 mm
Pitch	5.08 mm
Dimension a	45.72 mm
Width [ w ]	53.34 mm
Height [ h ]	26.9 mm
Height	23.7 mm
Length of the solder pin	3.2 mm
Pin dimensions	1 x 1 mm
Length	22.1 mm

#### General

# Feed-through header - MDSTB 2,5/10-G-5,08 - 1842597

## Technical data

### General

Range of articles	MDSTB 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 $I_N$	10 A
Maximum load current	10 A
Insulating material	PBT
Color	green
Number of positions	10

### Standards and Regulations

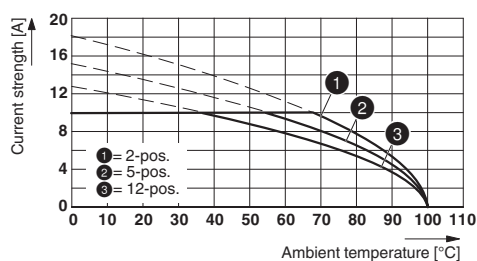
Connection in acc. with standard	EN-VDE
	CSA

### Environmental Product Compliance

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

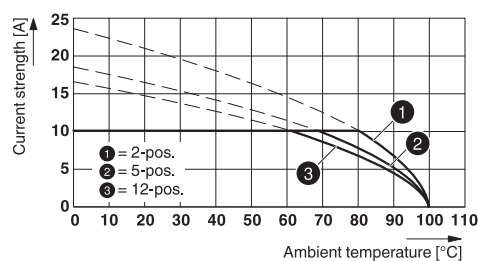
## Drawings

Diagram



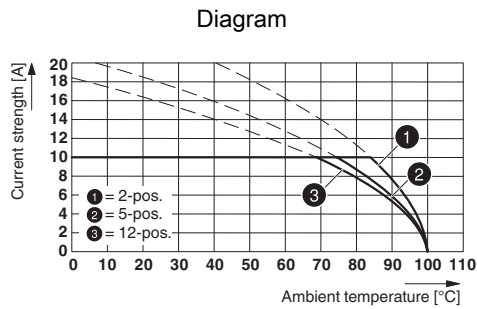
Type: MVSTBW 2,5/...-ST-5,08 with MDSTB 2,5/...-G-5,08

Diagram

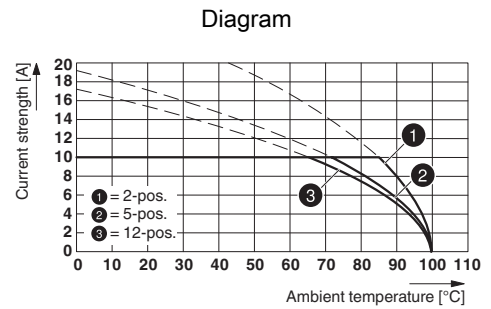


Type: MSTB 2,5/...-ST-5,08 with MDSTB 2,5/...-G-5,08

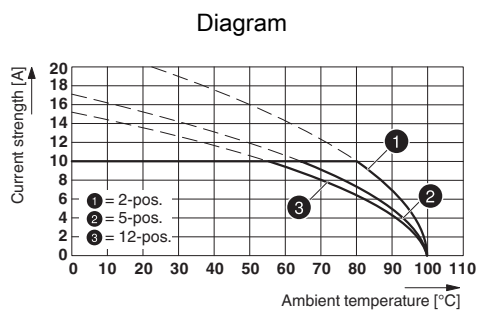
# Feed-through header - MDSTB 2,5/10-G-5,08 - 1842597



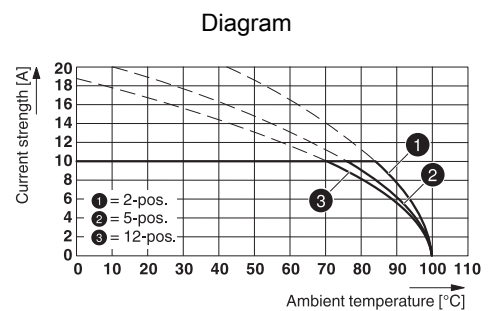
Type: MSTBT 2,5/...-ST-5,08 with MDSTB 2,5/...-G-5,08



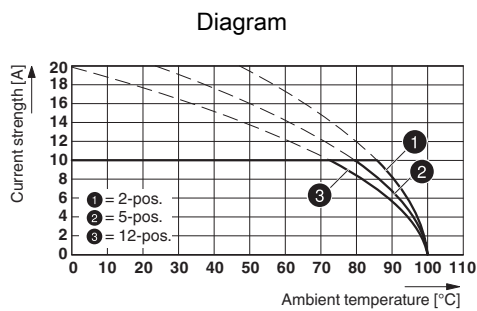
Type: MSTBP 2,5/...-ST-5,08 with MDSTB 2,5/...-G-5,08



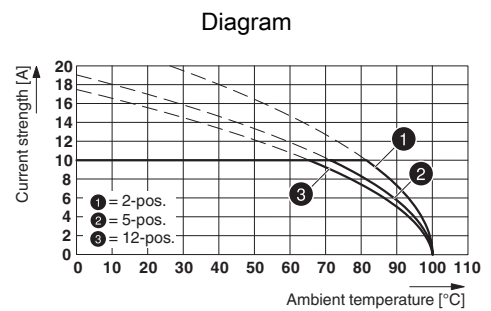
Type: FRONT-MSTB 2,5/...-ST-5,08 with MDSTB 2,5/...-G-5,08



Type: FKCV 2,5/...-ST-5,08 with MDSTB 2,5/...-G-5,08



Type: FKCV(R/W) 2,5/...-ST-5,08 with MDSTB 2,5/...-G-5,08



Type: FKCS 2,5/...-ST-5,08 with MDSTBV 2,5/...-G-5,08

## Approvals

### Approvals

Approvals


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


Ex Approvals


### Approval details


# Feed-through header - MDSTB 2,5/10-G-5,08 - 1842597


## Approvals

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	LR13631-2585950
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	15 A	15 A	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-60988-B1B2
Nominal voltage UN	250 V		
Nominal current IN	10 A		

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40004701
Nominal voltage UN	250 V		
Nominal current IN	10 A		

EAC			B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19931011
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	15 A	

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