

Feed-through header - PTSM 0,5/ 2-HH1-2,5-THR R16 - 1814773

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PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 2, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2 mm, Article with anti-rotation pin

The figure shows the 3-pos. version

Your advantages

- Designed for integration into the SMT soldering process
- Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting



Key Commercial Data

Packing unit	500 pc
Minimum order quantity	500 pc
GTIN	
GTIN	4046356760522

Technical data

Dimensions

Length [l]	7.5 mm
Width	6.7 mm
Pitch	2.5 mm
Dimension a	2.5 mm
Width [w]	6.7 mm
Height [h]	7 mm
Installed height	5 mm
Length of the solder pin	2 mm
Pin dimensions	0.6 x 0.6 mm
Length	7.5 mm

General

Range of articles	PTSM 0,5/..-HH-THR
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Technical data

General

Rated voltage (III/3)	50 V
Rated voltage (III/2)	160 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	6 A
Color	black
Number of positions	2

Standards and Regulations

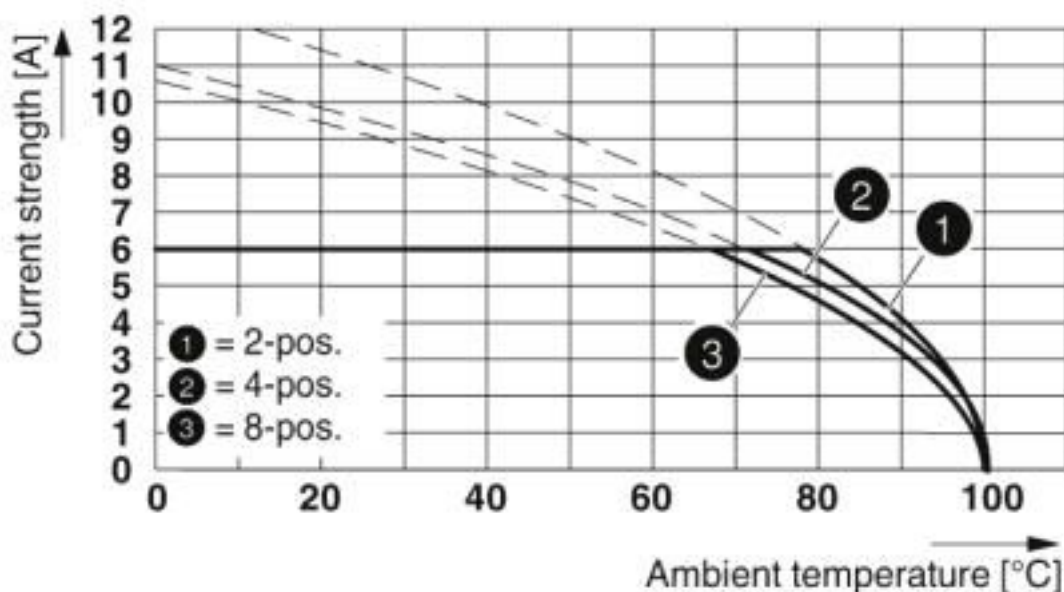
Connection in acc. with standard	EN-VDE
	UL

Environmental Product Compliance

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

Drawings

Diagram



Derating curve for: PTSM 0,5/..-P-2,5 with PTSM 0,5/..-HH-2,5-THR R..

Classifications

eCl@ss

eCl@ss 10.0.1	27440402
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700

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Classifications

eCl@ss

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	EC002643
ETIM 5.0	EC002637
ETIM 6.0	EC002637
ETIM 7.0	EC002637

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

Approvals

Approvals

Approvals

UL Recognized / VDE Zeichengenehmigung / EAC / cULus Recognized

Ex Approvals

Approval details

Feed-through header - PTSM 0,5/ 2-HH1-2,5-THR R16 - 1814773

Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E118976-20130619
		B
Nominal voltage UN		150 V
Nominal current IN		5 A

VDE Zeichengenehmigung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx 40048497
Nominal voltage UN		160 V
Nominal current IN		6 A
mm²/AWG/kcmil		0.14-.5

EAC		B.01687
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-20110108
		B
Nominal voltage UN		150 V
Nominal current IN		6 A

Accessories

Additional products

Printed-circuit board connector - PTSM 0,5/ 2-P-2,5 - 1778832



PCB connector, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 2, pitch: 2.5 mm, connection method: Push-in spring connection, color: black, contact surface: Tin

Feed-through header - PTSM 0,5/ 2-HHI-2,5-SMD R24 - 1810719



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 2, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: SMD soldering, pin layout: Linear pad geometry, solder pin [P]: 2 mm, Article with anti-rotation pin

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Accessories

Feed-through header - PTSM 0,5/ 2-HHI0-2,5-SMD R24 - 1815125



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 2, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: SMD soldering, pin layout: Linear pad geometry

Feed-through header - PTSM 0,5/ 2-HHI1-2,5-THR R24 - 1810780



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 2, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.1 mm, Article with anti-rotation pin

Feed-through header - PTSM 0,5/ 2-HHI-2,5-THR R24 - 1815057



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 2, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.1 mm

Plug - PTPM 0,2/ 2-P-2,5 - 1780477



PCB connector, number of positions: 2, pitch: 2.5 mm, color: black, contact surface: Tin

Plug - PTPM 0,4/ 2-P-2,5 - 1780529



PCB connector, number of positions: 2, pitch: 2.5 mm, color: black, contact surface: Tin

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Accessories

Printed-circuit board connector - PTSM 0,5/ 2-PL-2,5 BK - 1709442



PCB connector, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 2, pitch: 2.5 mm, connection method: Push-in spring connection, color: black, contact surface: Tin

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