

Base strip - PTSM 0,5/ 2-HH0-2,5-SMD R32 - 1808190

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Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 2.5 mm, Color: black, Contact surface: Tin, mounting: SMD soldering



The illustration shows the 3-pos. version

Why buy this product

- Designed for integration into the SMT soldering process
- Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting
- Additional solder anchors reduce the mechanical strain on the soldering spots



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	600 STK
GTIN	
GTIN	4046356694452
Weight per Piece (excluding packing)	1.230 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length	9.5 mm
Pitch	2.5 mm
Dimension a	2.50 mm
Width	13.10 mm

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Technical data

Dimensions

Constructional height	5 mm
Height	5 mm

General

Range of articles	PTSM 0,5/..-HH-SMD
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	50 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	160 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	6 A
Maximum load current	6 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	2

Standards and Regulations

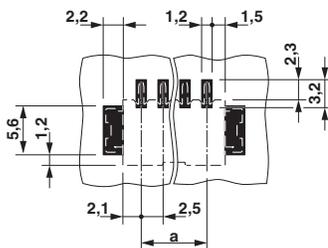
Connection in acc. with standard	EN-VDE
	UL
Flammability rating according to UL 94	V0

Environmental Product Compliance

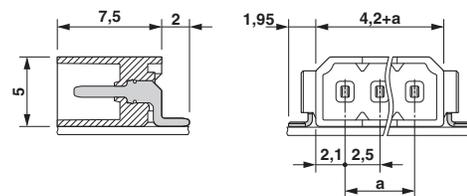
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



Dimensional drawing



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Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27260704
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

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121409

Approvals

Approvals

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UL Recognized / UL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
		B	
Nominal current I _N	5 A		
Nominal voltage U _N	150 V		

EAC			B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
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Accessories

Additional products

Sample set - SAMPLE PTSM 0,5/ 2-HH0-2,5SMDWH - 1820644



Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 2.5 mm, Color: white, Contact surface: Tin, mounting: SMD soldering

Plug - PTSM 0,5/ 2-P-2,5 - 1778832



Plug component, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 2.5 mm, connection method: Push-in spring connection, Color: black, Contact surface: Tin

Base strip - PTSM 0,5/ 2-HHI-2,5-SMD R24 - 1810719



Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 2.5 mm, Color: black, Contact surface: Tin, mounting: SMD soldering, Article with anti-rotation pin

Base strip - PTSM 0,5/ 2-HH0-2,5-SMD R32 - 1808190

Accessories

Base strip - PTSM 0,5/ 2-HH0-2,5-SMD R24 - 1815125



Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 2.5 mm, Color: black, Contact surface: Tin, mounting: SMD soldering

Base strip - PTSM 0,5/ 2-HH1-2,5-THR R24 - 1810780



Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 2.5 mm, Color: black, Contact surface: Tin, mounting: THR soldering, Article with anti-rotation pin

Base strip - PTSM 0,5/ 2-HH1-2,5-THR R24 - 1815057



Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 2.5 mm, Color: black, Contact surface: Tin, mounting: THR soldering

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



Plug component, nominal current: 2 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 2.5 mm, connection method: IDC fast connection, Color: black, Contact surface: Tin

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



Plug component, nominal current: 4 A, rated voltage (III/2): 125 V, number of positions: 2, pitch: 2.5 mm, connection method: IDC fast connection, Color: black, Contact surface: Tin

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Accessories

Plug - PTSM 0,5/ 2-PL-2,5 BK - 1709442

Plug component, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 514448 mm, connection method: Push-in spring connection, Color: black, Contact surface: Tin