

Base strip - PTSM 0,5/ 4-HV-2,5-THR R32 - 1778573

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Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, Color: black, contact surface: Tin, mounting: THR soldering

The figure 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
- ✓ Vertical connection enables multi-row arrangement on the PCB



Key Commercial Data

Packing unit	330 STK
Minimum order quantity	330 STK
GTIN	
GTIN	4046356529747
Weight per Piece (excluding packing)	1.930 g
Custom tariff number	85366930
Country of origin	India
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length [l]	5 mm
Pitch	2.5 mm
Dimension a	7.5 mm
Width [w]	11.7 mm
Constructional height	7.5 mm
Height [h]	9.5 mm
Length of the solder pin	2 mm
Pin dimensions	0,6 x 0,6 mm

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Technical data

Dimensions

Pin spacing	2.50 mm
Hole diameter	1.1 mm

General

Range of articles	PTSM 0,5/...-HV-THR
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	4

Standards and Regulations

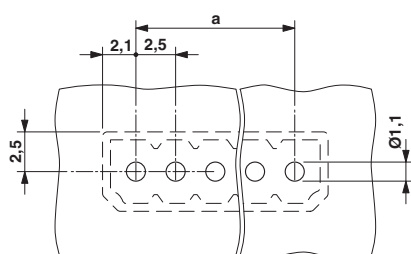
Connection in acc. with standard	EN-VDE
	UL
Flammability rating according to UL 94	V0

Environmental Product Compliance

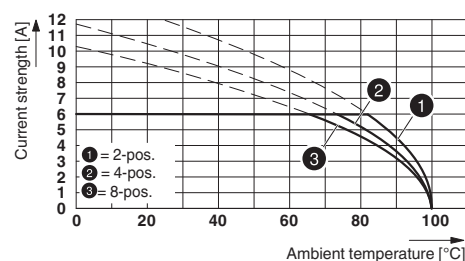
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



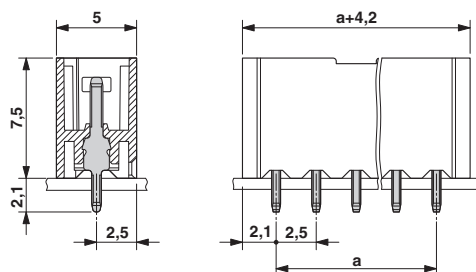
Diagram



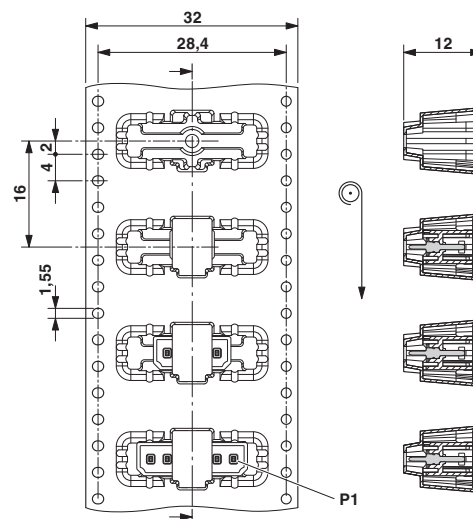
Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HV-2,5-THR R...

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Dimensional drawing



Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
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	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

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Approvals

Approvals

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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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

Plug - PTSM 0,5/ 4-P-2,5 - 1778858



Plug component, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, connection method: Push-in spring connection, Color: black, contact surface: Tin

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Accessories

Plug - PTPM 0,2/ 4-P-2,5 - 1780480



Plug component, nominal current: 2 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, Color: black, contact surface: Tin

Plug - PTPM 0,4/ 4-P-2,5 - 1780532



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