Feed-through header - PTSM 0,5/ 3-HH-2,5-SMD WH R32 - 1708005

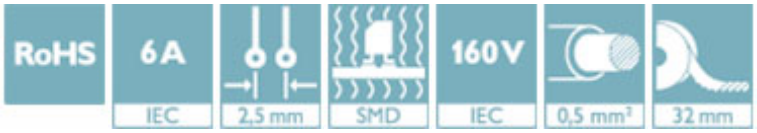
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PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 3, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering, pin layout: Linear pad geometry, solder pin [P]: 2 mm, Article with anti-rotation pin

Your advantages

- White design: Stable color when welding and during use
- 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	600 pc
Minimum order quantity	600 pc
GTIN	4 046356 960649
GTIN	4046356960649

Technical data

Dimensions

Length [l]	9.5 mm
Width	11.3 mm
Pitch	2.5 mm
Dimension a	5 mm
Width [w]	11.3 mm
Height [h]	7 mm
Height	5 mm
Length of the solder pin	2 mm
Pin spacing	2.50 mm
Length	9.5 mm

General

Feed-through header - PTSM 0,5/ 3-HH-2,5-SMD WH R32 - 1708005

Technical data

General

Range of articles	PTSM 0,5/..-HH-SMD WH
Insulating material group	I
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)	125 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	6 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	white
Number of positions	3

Standards and Regulations

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

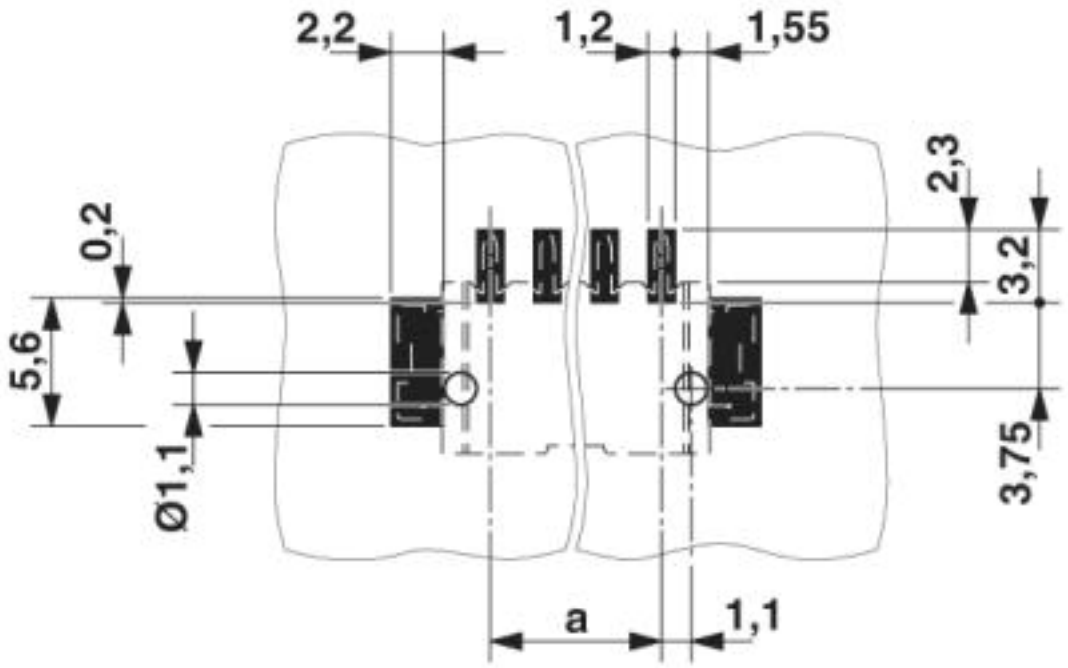
Environmental Product Compliance

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

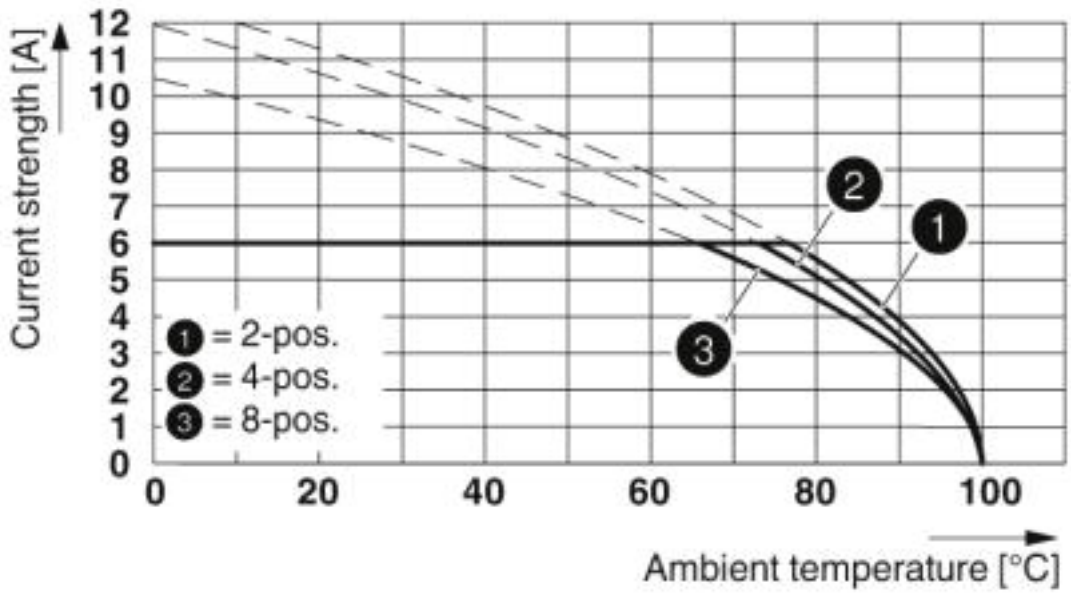
Drawings

Feed-through header - PTSM 0,5/ 3-HH-2,5-SMD WH R32 - 1708005

Drilling diagram



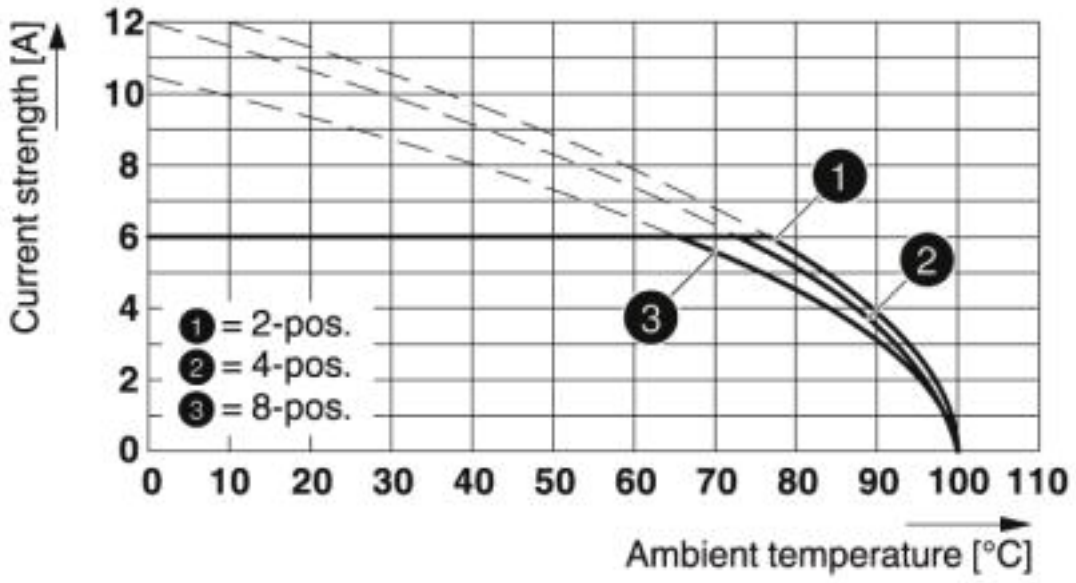
Diagram



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

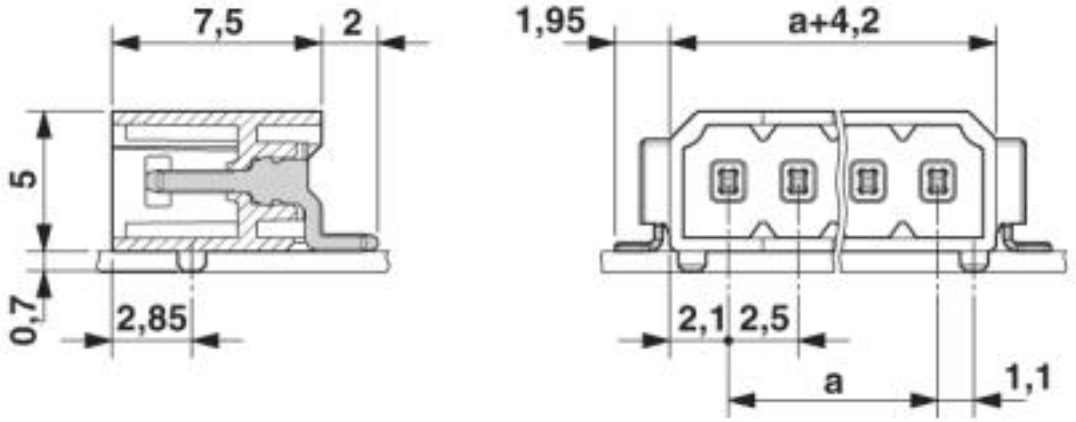
Feed-through header - PTSM 0,5/ 3-HH-2,5-SMD WH R32 - 1708005

Diagram



Type: PTSM 0,5/...-PL-2,5 ... with PTSM 0,5/...-HH-2,5-SMD... R...

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27440402
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
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402

Feed-through header - PTSM 0,5/ 3-HH-2,5-SMD WH R32 - 1708005

Classifications

eCl@ss

eCl@ss 9.0	27440402

ETIM

ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637
ETIM 7.0	EC002637

UNSPSC

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

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

Feed-through header - PTSM 0,5/ 3-HH-2,5-SMD WH R32 - 1708005

Approvals

EAC		B.01742

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

Sample set - SAMPLE PTSM 0,5/ 3-HH-2,5-SMD - 1786057



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 3, 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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Printed-circuit board connector - PTSM 0,5/ 3-P-2,5 WH - 1704854



PCB connector, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 3, pitch: 2.5 mm, connection method: Push-in spring connection, color: white, contact surface: Tin

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Feed-through header - PTSM 0,5/ 3-HHI-2,5-SMD WHR44 - 1707992



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 3, pitch: 2.5 mm, color: white, 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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Feed-through header - PTSM 0,5/ 3-HHI0-2,5-SMD WHR44 - 1815206



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 3, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering, pin layout: Linear pad geometry

Feed-through header - PTSM 0,5/ 3-HH-2,5-SMD WH R32 - 1708005

Accessories

Feed-through header - PTSM 0,5/ 3-HHI-2,5-THR WH R32 - 1814993



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 3, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: THR soldering, solder pin [P]: 2.1 mm

Printed-circuit board connector - PTSM 0,5/ 3-PL-2,5 WH - 1709459



PCB connector, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 3, pitch: 2.5 mm, connection method: Push-in spring connection, color: white, contact surface: Tin

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