

## Printed-circuit board connector - PTSM 0,5/10-HH-2,5-SMD R44 - 1701570

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Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 2.5 mm, Color: black, Contact surface: Tin, Assembly: SMD/THT/THR



### Product Features

- Compatible with PTSM.../PTPM... plugs
- 2.5 mm pitch
- High current carrying capacity of 6 A
- Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting
- Rugged solder anchor for secure, mechanical fixing to the surface
- Specifically designed for use in reflow and SMT processes



### Key commercial data

Packing unit	1 pc
Minimum order quantity	600 pc
Weight per Piece (excluding packing)	600.0 GRM
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Length	7.5 mm
Pitch	2.5 mm
Dimension a	22.5 mm
Pin spacing	2.50 mm

#### General

Range of articles	PTSM 0,5/..-HH-SMD
Insulating material group	IIIa

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## Technical data

### General

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 <sub>N</sub>	6 A
Maximum load current	6 A
Insulating material	LCP
Inflammability class according to UL 94	V0
Color	black
Number of positions	10

## 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

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

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## Approvals

### Approvals

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#### Approvals

GOST / GOST / UL Recognized / UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals


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#### Approvals submitted

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## Approval details

GOST 

GOST 

UL Recognized 

	B
Nominal current IN	6 A
Nominal voltage UN	150 V

UL Recognized 

	B
Nominal current IN	5 A
Nominal voltage UN	150 V

# Printed-circuit board connector - PTSM 0,5/10-HH-2,5-SMD R44 - 1701570

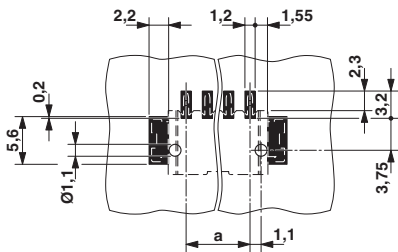
## Approvals

cUL Recognized	
Nominal current I <sub>N</sub>	6 A
Nominal voltage U <sub>N</sub>	150 V

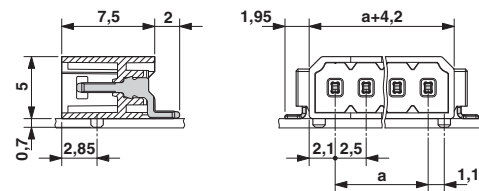
cULus Recognized	
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## Drawings

Drilling diagram



Dimensioned drawing



Dimensioned drawing

