

# 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, Mounting: SMD/THT/THR




## Why buy this product

- ✓ 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	600 pc
Minimum order quantity	600 pc
GTIN	 4 046356 544214
Weight per Piece (excluding packing)	2.22 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

## 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
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## Technical data

### General

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 <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

## Approvals

### Approvals

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

## Approvals

Approvals

UL Recognized / UL Recognized / EAC

Ex Approvals

Approvals submitted

## Approval details

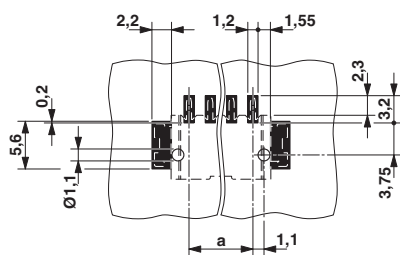
UL Recognized

UL Recognized

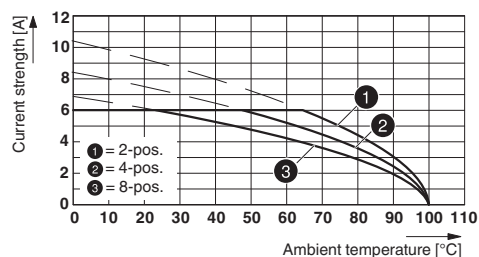
EAC

## Drawings

Drilling diagram



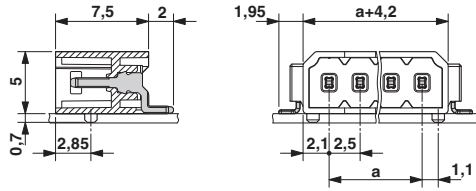
Diagram



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

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Dimensioned drawing



Dimensioned drawing

