

## PCB terminal block - PTSM 0,5/ 4-2,5-H SMD R24 - 1702474

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The illustration shows the 3-pos. version

PCB terminal block, Nominal current: 6 A, Nom. voltage: 160 V, Pitch: 2.5 mm, Number of positions: 4, Connection method: Spring-cage conn., Mounting: SMD/THT/THR, Conductor/PCB connection direction: 0 °, Color: black

### Product Features

- ✓ Compact low-profile SMD PCB terminal block with 2.5 mm pitch
- ✓ High current carrying capacity for high power transmission
- ✓ Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting
- ✓ Rugged solder anchor for secure, mechanical fixing to the surface
- ✓ Spring-cage connection with direct plug-in technology with a release mechanism
- ✓ Specifically designed for use in dedicated SMT processes

### Key commercial data

Packing unit	1 PCE
Minimum order quantity	770 PCE
GTIN	 4 046356 592314
Custom tariff number	85369010
Country of origin	GERMANY

### Technical data

#### Dimensions

Length	9 mm
Pitch	2.5 mm
Dimension a	7.5 mm
Pin spacing	2.5 mm

#### General

Range of articles	PTSM 0,5/..-H-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)	32 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
Nominal cross section	0.5 mm <sup>2</sup>
Maximum load current	6 A
Insulating material	LCP
Oberfläche Lötpin	Sn
Inflammability class according to UL 94	V0
Stripping length	6 mm
Number of positions	4

#### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	0.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	20

### Classifications

#### eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401

#### ETIM

ETIM 3.0	EC001121
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## PCB terminal block - PTSM 0,5/ 4-2,5-H SMD R24 - 1702474

### Classifications

#### ETIM

ETIM 4.0	EC002643
ETIM 5.0	EC002637

#### UNSPSC

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