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PCB Connector for SMD

Screw connection, 45° wire entry



BESCHREIBUNG

By creating the 974-D-SMD-DS, WECO offers a PCB terminal for the reflow soldering process with a pitch of 5 mm in true surface mount technology. The wire entry has a connection angle of 45° to the PCB. This offers the advantage that terminal rows can be located space savingly one behind the other. The housing material consists of high temperature resistant plastic and is specially designed in order to assure a good hot-air circulation during the reflow soldering process in the convection oven. The wire entry side of the terminal has to be placed in flowing direction. The screws are turned in to the optimal length of engagement by the factory. It is not to be excluded that the position of the screws may change by transport. Therefore it can be necessary that the screw has to be turned back for using the maximum permissible wire cross-section.

ALLGEMEINE DATEN

Raster: 5.00 mm

Polzahlen: 2 - 6

TECHNISCHE DATEN

Klemmbereich:	starr / flexibel / AWG 0.75 - 4 mm² / 0.75 - 2.5 mm² / 18 - 12 AWG		
Nennquerschnitt:	2.5 mm²		
Abisolierlänge:	6 mm ± 0.5 mm		
Überspannungskategorie	III	III	II
Verschmutzungsgrad	3	2	2
Bemessungsspannung	250 V	320 V	630 V
Bemessungsstoßspannung	4 kV	4 kV	4 kV
Bemessungsstrom:	24 A		
Bemessungsisolationsspannung:	250 V acc. to EN 60998-1		
Drehmoment:	0.4 Nm		

ZULASSUNGEN

	Strom [A]	Spannung [V]	Gruppe	AWG	Drehmoment [Nm]
	20	300	B	18 - 12	0.4
	10	300	D	18 - 12	0.4
	20	300	B	18 - 12	0.4
	10	300	D	18 - 12	0.4

AUSFÜHRUNGEN

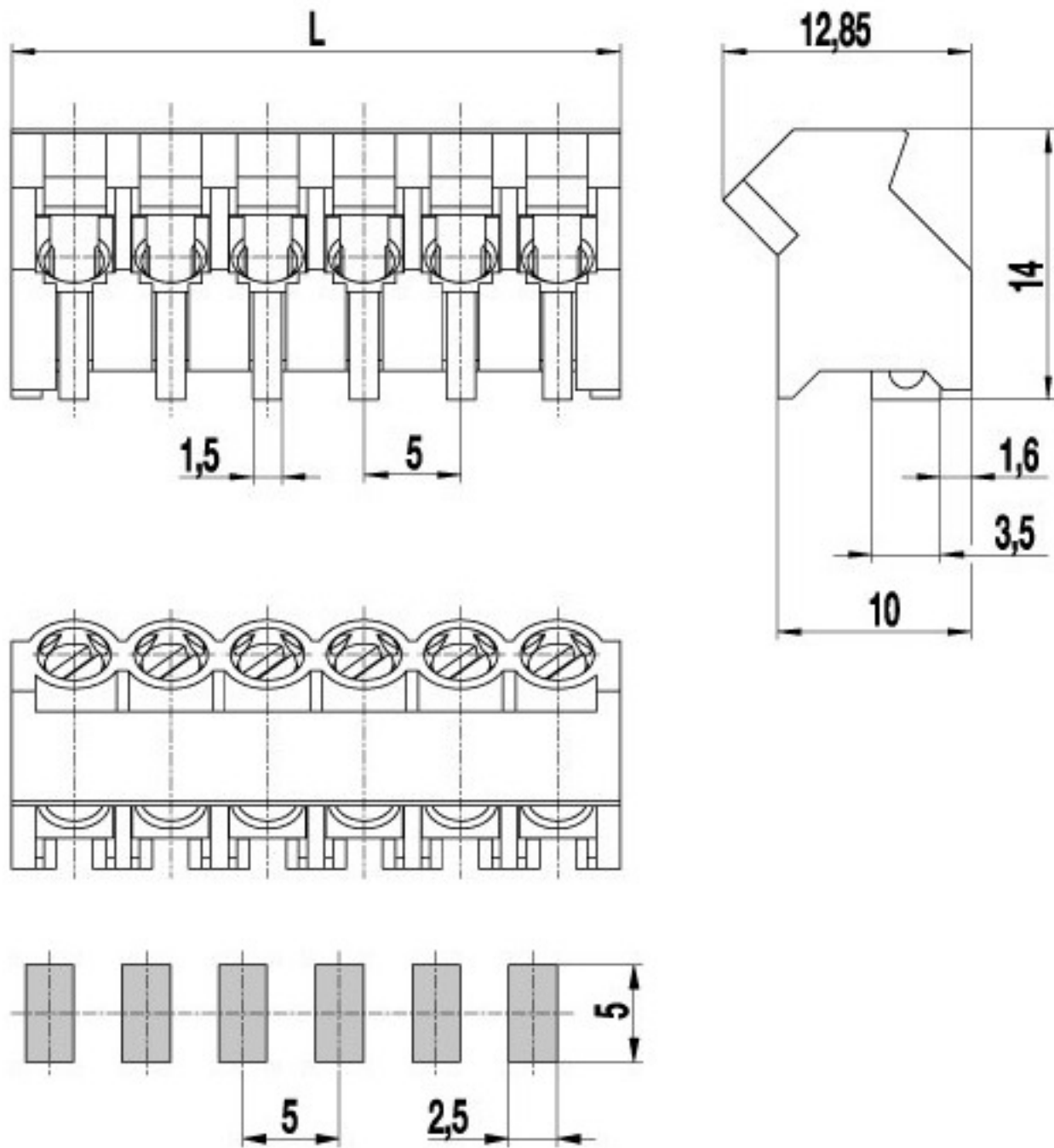
Pole	Artikel	Artikelnummer #	Länge L [mm]	Step	3D PDF
02	974-D-SMD-DS/02	20.874.402	11.5		
03	974-D-SMD-DS/03	20.874.403	16.5		
04	974-D-SMD-DS/04	20.874.404	21.5		
05	974-D-SMD-DS/05	20.874.405	26.5		
06	974-D-SMD-DS/06	20.874.406	31.5		

Überprüfung des Händlerbestands

PDF herunterladen

Wie man bestellt

TECHNISCHE ZEICHNUNGEN



MATERIALDATEN

Gehäusematerial: PA HT, black, V-0

Kriechstromfestigkeit: CTI ≥ 600

Isolierstoffgruppe: I

Temperaturgrenzen: -40°C up to 120°C; reflow solder temperature peak max. 255°C acc. to DIN EN 61760-1

Klemmkörper: Tin plated brass

Schraube: M3; zink plated steel, clear passivated

Drahtschutz: Tin plated tin bronze

SONDERAUSFÜHRUNG / ZUBEHÖR

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-5,00 [1]

ANMERKUNGEN

[1] To be fitted after reflow soldering process