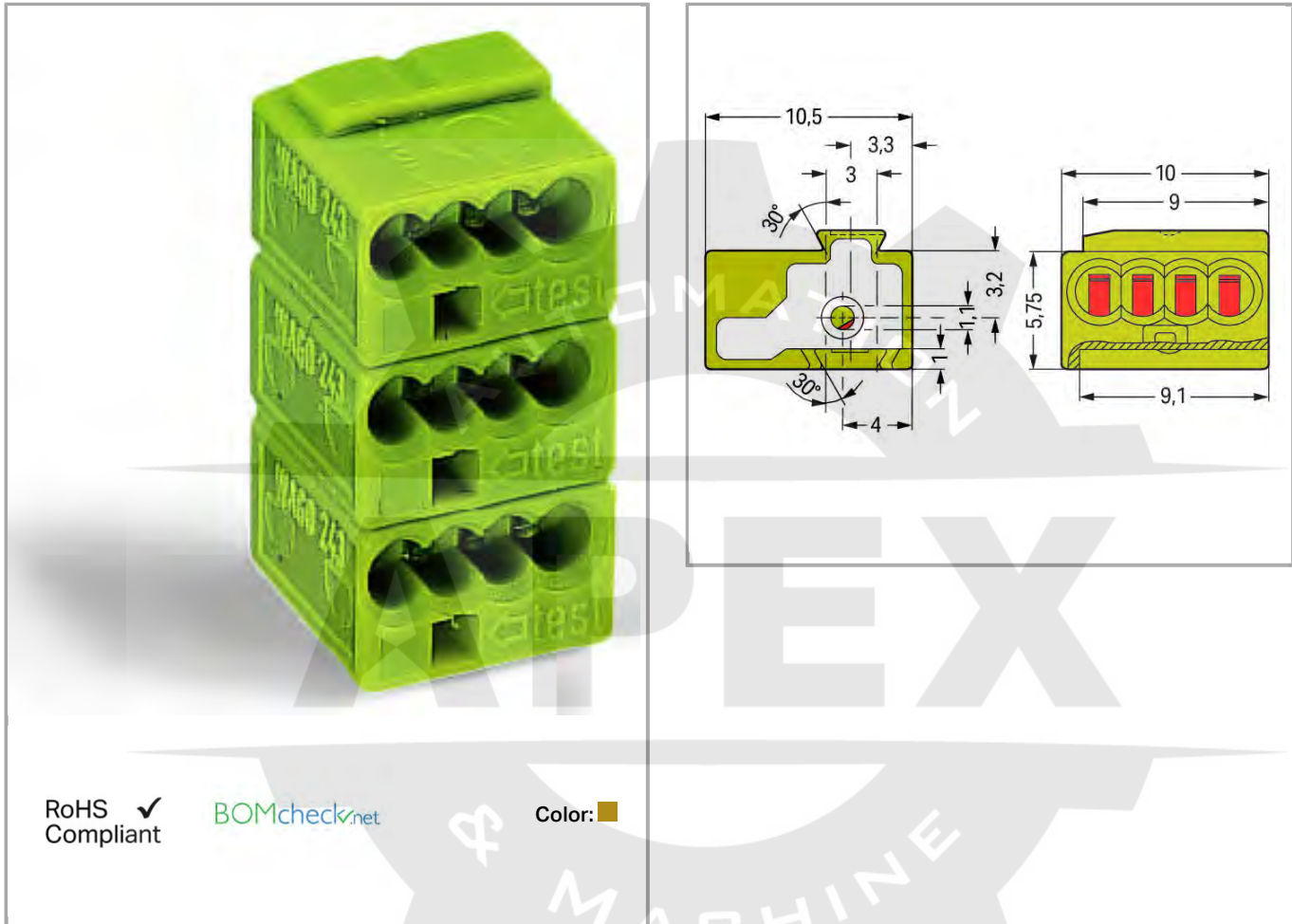


Data sheet | Item number: 243-747

4-conductor modular PCB connector; for individual solder pins; 0.8 mm Ø;
Pin spacing 5.75 mm; 7-pole



243-747



Item description

- Compact, 4-conductor PCB connectors with PUSH WIRE® connection
- Can be assembled to connector strips via dovetail joints
- Push-in termination of solid conductors
- Four entries for power supply and potential distribution
- Quick and easy PCB replacement, without disrupting looped-through potentials

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	320 V
Rated impulse voltage (III / 2)	4 kV
Rated voltage (II / 2)	630 V
Rated impulse voltage (II / 2)	4 kV
Rated current	6 A

Approvals per UL 1059

Rated voltage UL (Use Group B)	150 V
Rated current UL (Use Group B)	7 A
Rated voltage UL (Use Group D)	150 V
Rated current UL (Use Group D)	7 A

Approvals per CSA

Rated voltage CSA (Use Group B)	150 V
Rated current CSA (Use Group B)	7 A
Rated voltage CSA (Use Group D)	150 V
Rated current CSA (Use Group D)	7 A

Connection data

Connection technology	PUSH WIRE®
Connectable conductor materials	Copper
Solid conductor	0.5 ... 1 mm² / 24 ... 18 AWG
Conductor diameter	0.5 ... 1 mm
Strip length	5 ... 6 mm / 0.2 ... 0.24 inch
Conductor entry angle to the PCB	0°
No. of poles	7
Total number of connection points	28
Total number of potentials	7
Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	5.75 mm / 0.226 inch
Width	40 mm / 1.575 inch
Height	10 mm / 0.394 inch

Depth	10.5 mm / 0.413 inch
Solder pin length	4.5 mm
Solder pin diameter	1 mm
Drilled hole diameter (tolerance)	1.2 ^(-0.05 ... +0.05) mm

Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for PCBs
Mating direction to the PCB	90°

PCB contact

PCB contact	THT
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Material Data

Color	light green
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Copper alloy
Contact material	Electrolytic copper (E _{Cu})
Contact plating	tin-plated
Fire load	0.084 MJ
Weight	5.229 g

Environmental Requirements

Limit temperature range	-60 ... +105 °C
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Commercial data

Country of origin	DE
GTIN	4044918442138
Customs Tariff No.	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.		70048857



CSA
DEKRA Certification B.V.

C22.2

70048857

Compatible products

General accessories

	Item no.: 243-131 Board-to-Board Link; 1-pole	243-131
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Marking accessories

Item no.: 210-332/575-103 Marking strips; as a DIN A4 sheet; MARKED; 1-12 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive	210-332 /575-103
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Subject to changes.