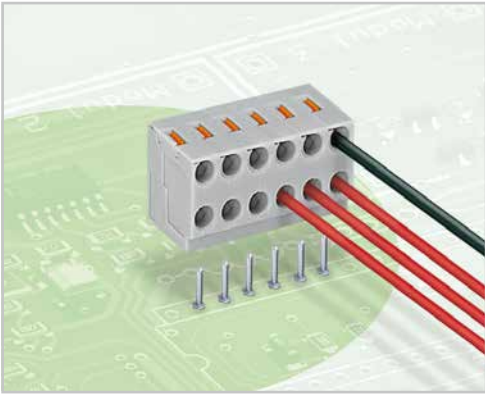# 2-Conductor Compact PCB Connectors
Pin Spacing: 3.5 mm
252 Series

- Two-conductor, compact PCB connectors with push-buttons and PUSH WIRE® connection

- Simple push-in termination for solid conductors – conductor removal via push-buttons

- Double entries for supply and power distribution

- Quick and easy PCB replacement

- Loop connection is retained, even when unmated

- Group arrangement is possible without losing any poles

Technical data:

Pin Spacing	3.5 mm 0.138 in.				
Ratings per	IEC/EN 60664-1				
Overvoltage category	III	III	II		
Pollution degree	3	2	2		
Rated voltage	320 V	320 V	630 V		
Rated surge voltage	4 kV	4 kV	4 kV		
Nominal current	6 A	6 A	6 A		
Approvals per	UL/CSA				
Use group UL 1059	B	C	D		
Rated voltage	300 V	–	300 V		
Nominal current UL	2 A	–	2 A		
Nominal current CSA	–	–	–		

Conductor and solder pin data:

Connection technology	PUSH WIRE®
Conductor size: solid	2 x 0.4 ... 0.8 mm Ø
AWG	26 ... 20 "sol."
Strip length	6 ... 7 mm / 0.24 ... 0.28 in.
Conductor entry angle	0° to PCB
Solder pin: length/diameter	3.5 mm/1 mm (solder pin strip)
Solder pin: length/diameter	4.5 mm/1 mm (individual solder pins)
Solder pin: drilled hole diameter	$1.2^{\pm0.05}$ mm

Material data:

Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL 94	V0
Lower/Upper limit temperature	-60 °C / +105 °C
Clamping spring material	Copper alloy
Contact plating	tin-plated

252 Series accessories:	Page:
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