

Series	Center	Page
5322 - FKB - vertical	100 mil / 2.54 mm	159
5322 - PKB - vertical	100 mil / 2.54 mm	160

# Interface Pin Blocks

Interface Pin Blocks serve the same function as battery probes (see page 148). They can be used as a charging contact in almost all mobile devices, but also for connecting PCBs and as signal conductors, etc. In such cases, the important advantage is that our standard allows the simultaneous positioning of up to 20 contacts which can be soldered onto the PCB using reflow processes.

As a result of our considerable experience in the manufacturing of injection moulding tools for the connection terminal sector, PTR offers complete solutions including plastic carriers, tape-and-reel, and "pick & place" pads, including for individually adapted products. Other types of packing, for example trays, are also available for small quantities and less-automated manufacturing processes. We develop professional solutions together with our customers, and then implement them as scheduled.

The quality of our contacts complies with internationally recognized test scenarios. Our interface pin blocks are approved with UL certification in both the USA and Canada regions.



Series 5322 has passed vibration and shock tests without any measurable contact loss according to the following standards:

- ▶ IEC 60068-2-6, Test Fc: Vibration (sinusoidal)
- ▶ IEC 60068-2-27, Test Ea and guidance: Shock
- ▶ IEC 60512-2-5, Test 2e: Contact disturbance

# Series 5322 - FKB

- Short, compact size
- Board-to-board contacting
- For use in charging units

### Mechanical Data

Center	2.54 mm / 100 mil
Full Travel	1.40 mm
Working Travel	0.70 mm
Pre-Loaded Spring Force	0.25 N
Spring Force at Working Travel	0.85 N

### Electrical Data

Max. Current Rating	3.5 A
Typical Continuity Resistance	≤ 20 mOhm
Typical Isolation Resistance	10 <sup>10</sup> Ohm*m



### Materials

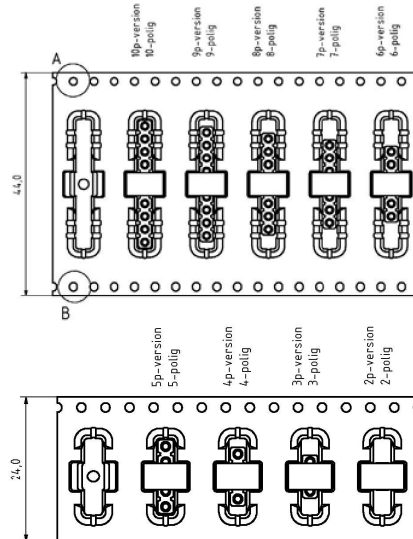
Barrel	Brass, gold plated
Spring	Spring Steel, gold plated
Plunger	Brass, gold plated
PAD-Contact	Brass, gold plated
Test Probe Block	HT-Plastic UL 94V-0

### Tape on Reel (EN 60286-3)

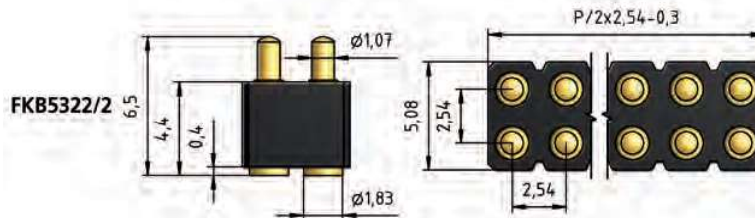
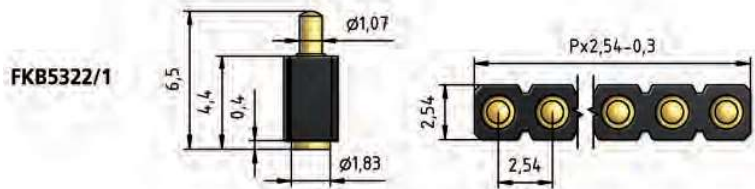
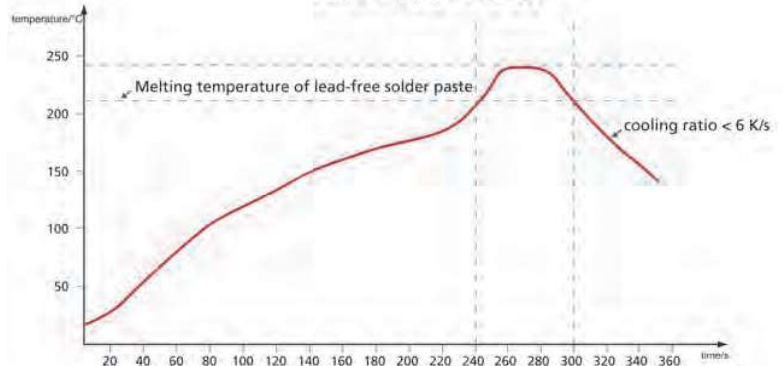
Tape on reel width	44 mm / 24 mm
Spooling diameter	15"
Number of components	800
Pitch	12 mm

### Ratings

		
Rated Current	3.5 A	2.0 A
Rated Voltage		
- DC	150 V	150 V
- AC	100 V	100 V
Flammability Class	UL 94 V-0	UL 94 V-0



### Soldering profile reflow



### How to Order

**FKB5322 / 1 - 2 - 65 - R24**  
 1 2 3 4 5

1. Series
2. Number of Rows
3. Number of Poles
4. Test Probes Length
5. Tape on Reel

# Series 5322 - PKB

- Short, compact size
- Board-to-board contacting
- For use in charging units

### Mechanical Data

Center	2.54 mm / 100 mil
Full Travel	1.40 mm
Working Travel	0.70 mm
Pre-Loaded Spring Force	0.25 N
Spring Force at Working Travel	0.85 N

### Electrical Data

Max. Current Rating	3.5 A
Typical Continuity Resistance	≤ 20 mOhm
Typical Isolation Resistance	10 <sup>10</sup> Ohm*m



### Materials

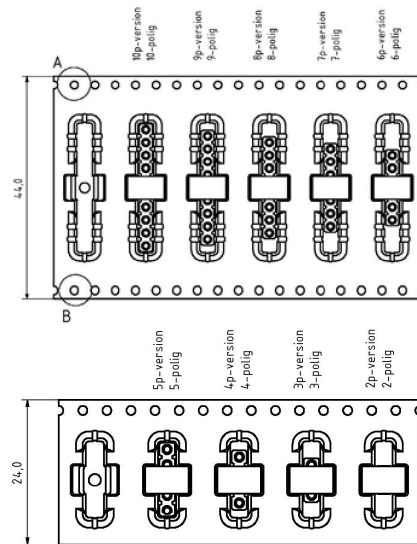
Barrel	Brass, gold plated
Spring	Spring Steel, gold plated
Plunger	Brass, gold plated
PAD-Contact	Brass, gold plated
Test Probe Block	HT-Plastic UL 94V-0

### Tape on Reel (EN 60286-3)

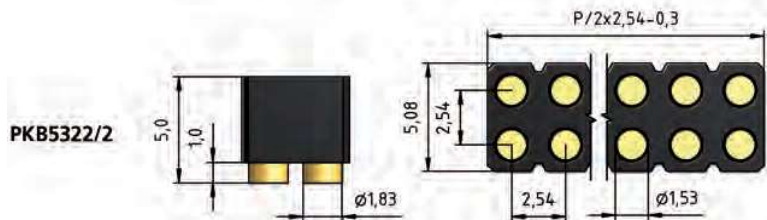
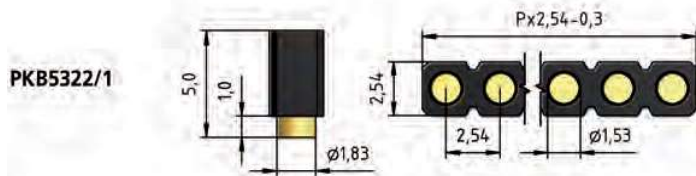
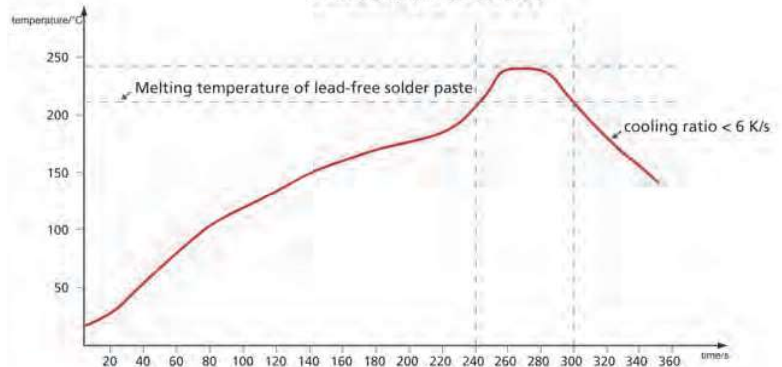
Tape on reel width	44 mm / 24 mm
Spooling diameter	15"
Number of components	800
Pitch	12 mm

### Ratings

		
Rated Current	3.5 A	2.0 A
Rated Voltage		
- DC	150 V	150 V
- AC	100 V	100 V
Flammability Class	UL 94 V-0	UL 94 V-0



### Soldering profile reflow



### How to Order

**PKB5322 / 1 - 2 - 50 - R24**

1      2      3      4      5

1. Series
2. Number of Rows
3. Number of Poles
4. Test Probes Length
5. Tape on Reel

