

**Technical Data // Series 5087**

Push-Back Test Probe 160 mil / 4.0 mm

HIGHLIGHTS

Push-back test probe for the cable harness test

Suitable when standard head styles are used

MECHANICAL DATA

Center	4.00 mm/160 mil
Temperature range	-30 °C - +120 °C
Full travel	10.00 mm
Working travel	9.50 mm
Switching travel	7.50 mm
Pre-loaded spring force	1.50/ 2.00/ 4.00 N
Spring force at working travel	6.00/ 9.00/ 15.00 N
Spring force at switching travel	4.30/ 6.80/ 12.00 N

ELECTRICAL DATA**Barrel-Probe Tip**

Max. current rating	20.0 A
Typical continuity resistance	<= 3 mOhm

Connector Probe Tip

Max. current rating	1.0 A
Typical continuity resistance	<= 25 mOhm
Typical insulating voltage	1000 V

MATERIALS

Barrel	Brass, gold-plated
Spring	Spring Steel, gold-plated
Plunger	CuBe

RECOMMENDED DIAMETER OF DRILL

HP 2361.1 (trolitax)	3.00 mm
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(Tolerances dependent on carrier material, test drilling is recommended)

AVAILABLE SCREW TOOLS

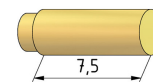
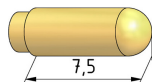
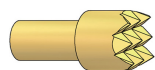
Article Designation	max. Tip Diameter
WFS 5087-4.0-2.5	2.5
WFSB 5087-5.0-4.0-Z	4.0



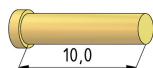
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TIP STYLE - DIAMETER - PLATING

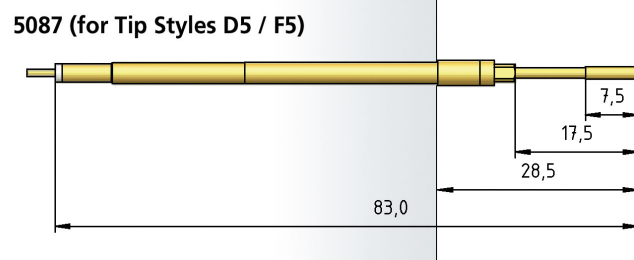
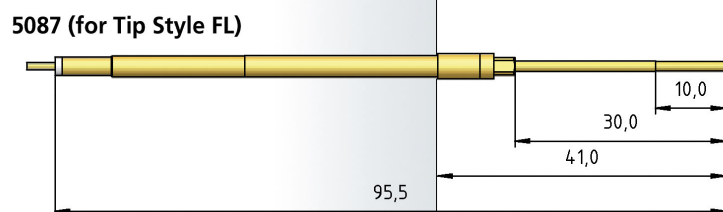
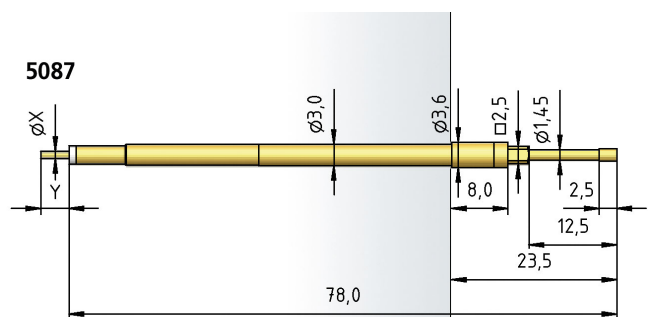


C	D	D5	F	F5
2.30C Au 2.80C Au 3.00C Au 4.00C Au	1.45C Au	2.30C Au 3.00C Au	1.00C Au 1.10C Au 1.40C Au	1.80C Au 2.30C Au



F	FL
1.80C Au	1.30C Au 1.80C Au

Connectorpin-Ø X/mm	Connector Pin Length Y/mm
0.5	6.0
1.0	2.5
1.0	4.0





PTR HARTMANN

A Phoenix Mecano Company

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HOW TO ORDER

5087 - F - 15.0 N - Au - 1.8 C /1.0x 4.0

1 2 3 4 5 6 7 8

- 1. Series 2. Tip Style 3. Spring Force
- 4. Tip Plating 5. Tip Diameter 6. Tip Material (only for CuBe)
- 7. Connector Pin Diameter 8. Connector Pin Length