

GKS 102

Universal Test Probe for direct Wiring

Grid:

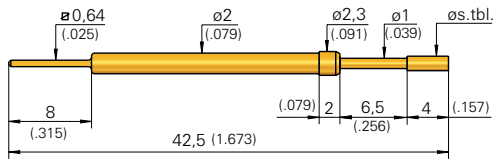
≥ 2,54 mm

≥ 100 Mil

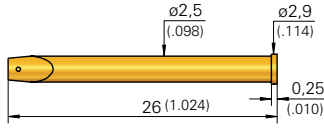
Installation Height: 12,5 resp. 13,5 mm (.492/ .531)

Recommended Stroke: 4,8 mm (.189)

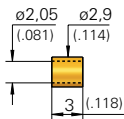
Mounting and Functional Dimensions



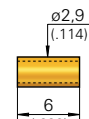
GKS-102 ... W



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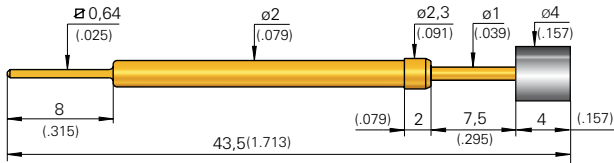


DS-102 03



DS-102 06

GKS-102 250 400 P xx02 W



Available Tip Styles

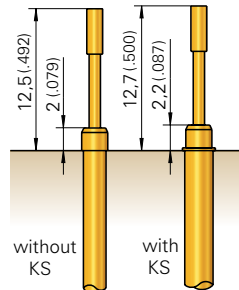
Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
2	01	A	∅ 1,00 (.039)	
1	02	A	∅ 1,40 (.055)	2,30 (.091)
1	03	A	∅ 1,40 (.055)	
2	04	A	∅ 1,40 (.055)	
1	05	A	∅ 1,40 (.055)	
2	06	A	∅ 1,40 (.055)	
2	50*	P	∅ 4,00 (.157)	

* PCB Support Probe: insulating Tip made of PVC
Installation Height 13,5 mm (.531)

Collar Height and Installation Height

The Installation Height of the Tip (Dimension without Receptacle) is defined by the Collar Height.

Collar Height	Installation Height (without Receptacle)
02 Tip Style 01 up to 06	12,5 mm (.492)
02 Tip Style 50*	13,5 mm (.531)



Mechanical Data

Working Stroke: 4,8 mm (.189)

Maximum Stroke: 6,5 mm (.256)

Spring Force at Work. Stroke: 1,5 N (5.4oz)

alternative: 3,0 N (10.8oz); 5,0 N (18.1oz)

Electrical Data

Current Rating: 5 - 8 A

R_i typical: < 20 mΩ

Materials

Plunger: Brass or Steel, gold-plated

Barrel: Brass, gold-plated

Spring: Steel, gold-plated

Receptacle: Brass, gold-plated

Mounting Hole Size

with Receptacle: ∅ 2,48 - 2,49 mm (.0976 - .0980)

without Receptacle: ∅ 2,00 mm (.0787)

Note:

The Receptacle can be used from Grid 3,50 mm (140 Mil) up.

Tools:

Insertion and Extraction Tools for GKS and KS see Page 118.

Ordering Example

Series	Tip Material 1 = Brass 2 = Steel	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold P = PVC	Spring Force (dN)	Collar Height (mm)	Type
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Test Probe:

G K S 1 0 2 1 0 2 1 4 0 A 1 5 0 2 W

Receptacle:

K S - 1 0 2 2 3

Spacers:

D S - 1 0 2 0 3 D S - 1 0 2 0 6