

T-097 MO

PRODUCT INFORMATION

Screw-in Test Probes

Grid:
 ≥ 1.27 mm
 ≥ 50 Mil
Installation height with KS: 11.3 to 13.5 mm

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Reliable position test for plug connectors in 50 Mil grid

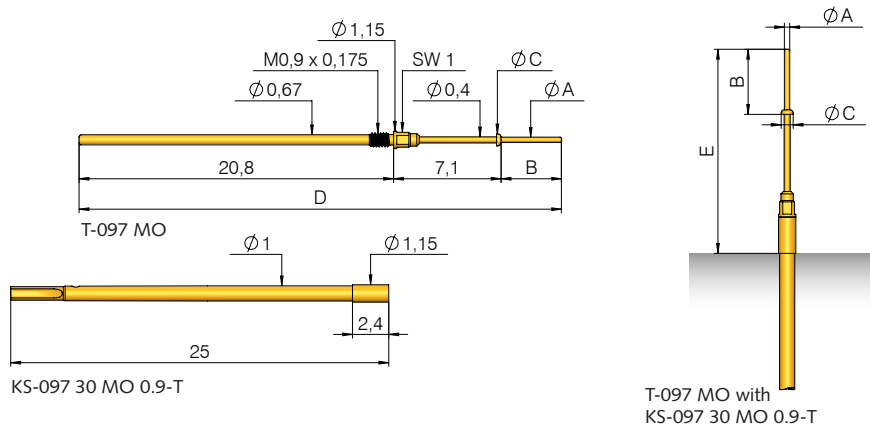
Features

- Screw-in test probes for the testing of cable harnesses and contacting plug connectors
- Short, compact design used in limited space
- Can be used in small grid sizes of 50 Mil
- Several tip styles available with various dimensions corresponding to application

Function / Assembly

- The probes are mounted in the KS-097 30 MO.9-T receptacle
- Receptacle features solder cup for electrical connection

Mounting and functional dimensions



Available tip styles

Material	Tip style	Plating	Further versions	
			Ø	Ø (inch)
3 05		A	Ø s.Tbl.	
3 83		A	Ø s.Tbl.	

Part No.	A Tip-Ø mm (inch)	B Tip length mm (inch)	C Disk-Ø mm (inch)	D Total length mm (inch)	E Install. height with KS mm (inch)	Tool (insertion bits)
T-097 305 060 180 100A1102MO-G	0,60	1,80	1,00	29,70	11,30	BIT-GKS-097 M-B
T-097 305 060 260 100A1102MO-G	0,60	2,60	1,00	30,50	12,10	BIT-GKS-097 M-B
T-097 305 080 260 130A1102MO-G	0,80	2,60	1,30	30,50	12,10	BIT-GKS-097 M
T-097 383 035 400 080A1102MO-G	0,35	4,00	0,80	31,90	13,50	BIT-GKS-097 M-B

Mechanical data

Working stroke: 4.0 mm
Maximum stroke: 5.0 mm
Spring force at working stroke: 1.1 N

Materials

Plunger: BeCu, gold-plated
Barrel: Brass, gold-plated
Spring: Spring steel, gold-plated
Receptacle: Brass, gold-plated

Mounting and Tools

Recommended screw-in torque: min. 0.5 cNm
 max. 1 cNm
Tool: BIT-GKS-097 M
 BIT-GKS-097 M-B
Width across flats: 1.0 mm
Thread: M0,9x0,175

Electrical data

Current rating: 3 A
Ri typical: ≤ 50 mΩ

Mounting hole size

With collar or press-ring as a collar-stop
in CEM1 and FR4: Ø 0.99 - 1.00 mm

Operating temperature

Standard: -40° up to +80° C

Ordering example

Series	Tip materials 3 = BeCu	Tip style	Tip-Ø (1/100 mm) (A)	Tip length (1/100 mm) (B)	Disk-Ø (1/100 mm) (C)	Plating A = Gold	Spring force (dN)	Collar height (mm)	Special designation
Test probe:		T	097	305	060	260	100	A	1102
Receptacle:									MO-G
									KS-09730MO0.9-T