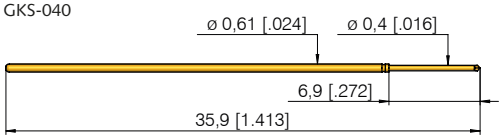
GKS 040

ICT-/FCT Test Probe

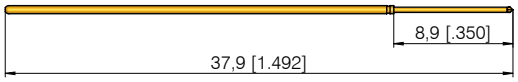
Grid:
≥ 1,00 mm
≥ 40 Mil
Installation height with KS: 16,0 / 18,0 mm (.630 / .709) / variable
Recommended stroke: 4,3 mm (.169)

Mounting and functional dimensions

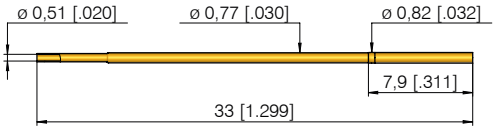
GKS-040



GKS-040 ... LP
(Long version with longer plunger. See "available tip styles".)



KS-040 E08



KS-040 E08 V-30

Available tip styles
version GKS-040

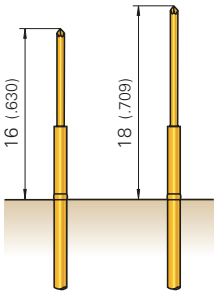
Material	Tip style		Plating	Further versions ∅	Further versions ∅ (inch)
3	04	∅ 0,40 (.016)	A		
3	05	∅ 0,40 (.016)	A		
2	22 *	∅ 0,32 (.013)	A		
2	38	∅ 0,40 (.016)	A		
2	97	∅ 0,40 (.016)	A		

* conical down to ∅ 0,40 mm (.016)

Available tip styles
special version GKS-040...LP

Material	Tip style		Plating	Further versions ∅	Further versions ∅ (inch)
2	97	∅ 0,40 (.016)	A		

Total length 37,9 mm (1.492), special designation "LP"



GKS-040 with KS-040 | GKS-040 ... L with KS-040

Collar height and installation height

To adjust the installation height, receptacles with a press-ring are used. The receptacles can be inserted up to the press-ring (i.e. acting as a collar-stop) or with the press-ring pressed into the mounting hole.

Mechanical data

Working stroke:	4,3 mm (.169)
Maximum stroke:	6,35 mm (.250)
Spring force at work. stroke:	0,8 N (2.9oz)

Materials

Plunger:	Steel or BeCu, gold-plated
Barrel:	Bronze, gold-plated
Spring:	Steel, gold-plated
Receptacle:	Nickel-silver, gold-plated

Electrical Data

Current rating:	2 A
R_i typical:	< 20 mΩ

Operating temperature

Standard:	-40° up to +80° C

Mounting hole size

in CEM1 und FR4:	∅0,79-0,80 mm (.0311-.0315)

Note:
Receptacles for wireless test fixtures shown page 33.

Note:
The receptacle KS-040 is available pre-wired with 1 m AWG 30 wire (see **ordering example**). Minimal recommended bending radius: 10 mm (.394).

Ordering example

	Series	Tip material 2 = Steel 3 = BeCu	Tip style	Tip diameter (1/100 mm)	Plating A = Gold	Spring force (dN)	Collar height (mm)	Special designation ("LP")
Test probe with total length 35,9 mm (1.413):	GKS	040	2	97	040	A	08	00	
Test probe with total length 37,9 mm (1.492):	GKS	040	2	97	040	A	08	00	LP

Receptacles: KS-040 E08 | KS-040 E08 V-30