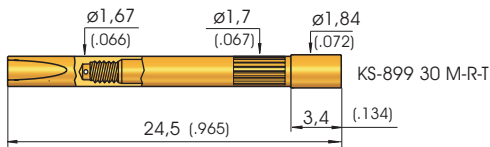
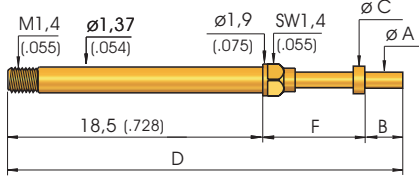


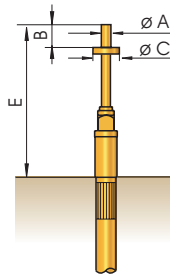
**Grid:**  
 ≥ 2,54 mm  
 ≥ 100 Mil

**Installation height with KS:** see table  
**Recommended stroke:** 3,5 mm (.138)

## Mounting and functional dimensions



\*\* axially positioned through-hole for leakage test. Attention: when not assembled correctly, then solder can flow inside the receptacle.



### Collar height and installation height

Installation height shown in table below.  
 The test probe can only be used with a receptacle.

## Available tip styles

Material	Tip style	Plating	Further versions	
			Ø	Ø (inch)
3 02	 Ø s. table	A		
3 05	 Ø s. table	A		
3 05 G *	 Ø s. table	A		

\* special designation "G" at the end of part number

Part No.	A Tip-Ø mm	B Tip length mm	C Disk-Ø mm	D Total length mm	E Install.height with KS mm	F Disk height without KS mm	Working stroke mm	Max. stroke mm	* Tools (insertion bits)
T-899 302 065 210 150 A 1502 M	0,65 (.026)	2,1 (.083)	1,5 (.059)	28,0 (1.102)	12,9 (.508)	7,4 (.291)	3,5 (.138)	4,4 (.173)	BIT-GKS-899 M-B
T-899 305 065 280 150 A 1502 M	0,65 (.026)	2,8 (.110)	1,5 (.059)	28,7 (1.130)	13,6 (.535)	7,4 (.291)	3,5 (.138)	4,4 (.173)	BIT-GKS-899 M-B
T-899 305 065 400 150 A 1502 M	0,65 (.026)	4,0 (.158)	1,5 (.059)	29,9 (1.177)	14,8 (.583)	7,4 (.291)	3,5 (.138)	4,4 (.173)	BIT-GKS-899 M-B
T-899 305 070 400 150 A 1502 M	0,70 (.028)	4,0 (.158)	1,5 (.059)	29,9 (1.177)	14,8 (.583)	7,4 (.291)	3,5 (.138)	4,4 (.173)	BIT-GKS-899 M-B
T-899 305 065 270 150 A 1502 MG	0,65 (.026)	2,7 (.106)	1,5 (.059)	27,1 (1.067)	12,0 (.472)	5,9 (.232)	2,0 (.079)	2,75 (.110)	BIT-GKS-899 M-B
T-899 305 065 340 150 A 1502 MG	0,65 (.026)	3,4 (.134)	1,5 (.059)	27,8 (1.095)	12,7 (.500)	5,9 (.232)	2,0 (.079)	2,75 (.110)	BIT-GKS-899 M-B

### Mechanical data

**Working stroke:** 3,5 mm (.138)  
**Maximum stroke:** 4,4 mm (.173)  
**Spring force at work. stroke:** 1,5 N (5.4oz)  
**Alternative:** 0,7 N (2.5oz); 3,0 N (10.8oz)

### Materials

**Plunger:** Steel or BeCu, gold-plated  
**Barrel:** Brass, gold-plated  
**Spring:** Steel, gold-plated  
**Receptacle:** Brass, gold-plated

Recommended screw-in torque: \*  
 Min.: 2 cNm / Max.: 3 cNm

### Electrical data

**Current rating:** 3 - 5 A  
**R<sub>j</sub> typical:** < 20 mΩ

### Mounting hole size

**in CEM1 and FR4:** ø 1,67 - 1,68 mm (.0657 - .0661)

### Operating temperature

**Standard:** -40° up to +80° C

## Ordering example

Series	Tip materials	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 alternative "MG"
3	BeCu								

Test probe:

T 899 3 02 065 210 150 A 1502 M

Receptacle for T-899 ... M:

KS - 899 30 M - R - T

Receptacle for leakage test \*\*:

KS - 899 30 M - R