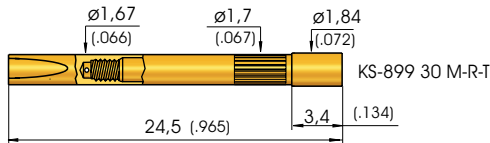
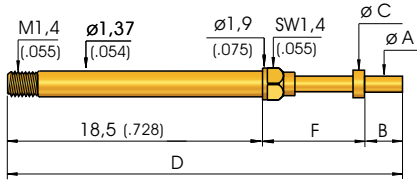
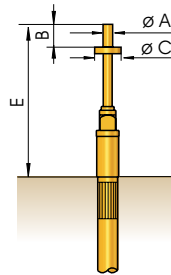


**Grid:**  
 ≥ 2,54 mm  
 ≥ 100 Mil  
**Installation Height:** see table  
**Recommended Stroke:** 3,5 mm (.138)

## Mounting and Functional Dimensions



KS-899 30 M-R-T  
 KS-899 30 M-R \*\*  
 \*\* axially positioned trough-hole for leakage test. Attention: when not assembled correctly, then solder can flow inside the 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		

**Collar Height and Installation Height**  
 Installation Height see table below.  
 The Test Probe can only be used with a Receptacle.

**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

**Electrical Data**  
**Current Rating:** 3 - 5 A  
**R<sub>i</sub> typical:** < 20 mΩ

**Mounting Hole Size**  
**in CEM 1 and FR 4:** Ø 1,67 - 1,68 mm (.0657 - .0661)

**Operating Temperature**  
**Standard:** -40° up to +80° C

**Note:**  
 T-899 ... M will be screwed into KS-899 ... M-R (-T) using special tools (see page 170/171) \*.  
 Details of Torque Tools and Insertion Bits from page 170 on.  
 Recommended Screw-in Torque:  
 Min.: 2 Ncm / Max.: 3 Ncm

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

**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“

Test Probe: T 8 9 9 3 0 2 0 6 5 2 1 0 1 5 0 A 1 5 0 2 M  
 Receptacle for T-899 ... M: KS - 8 9 9 3 0 M - R - T  
 Receptacle for Leakage Test \*\*: KS - 8 9 9 3 0 M - R

Screw-in Test Probes  
Screw-in High-current Probes  
Screw-in Switching Probes  
RF / Digital  
Non-rotating Probes  
Push-back Probes  
Tools