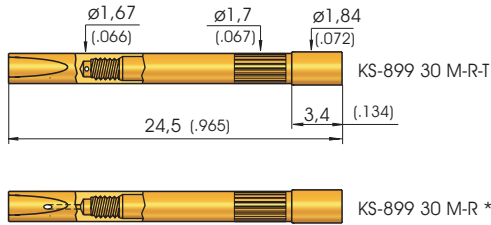
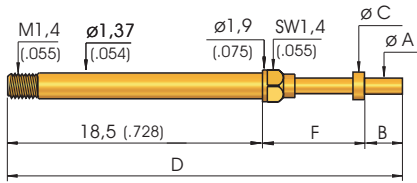
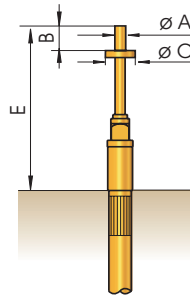


Grid:
 ≥ 2,54 mm
 ≥ 100 Mil
Installation Height: see table
Recommended Stroke: 3,5 mm (.138)

Mounting and Functional Dimensions



** 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)

Electrical Data

Current Rating: 3 - 5 A
R_i typical: < 20 mΩ

Materials

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

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: 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 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:

K S - 8 9 9 3 0 M - R - T

Receptacle for Leakage Test **:

K S - 8 9 9 3 0 M - R