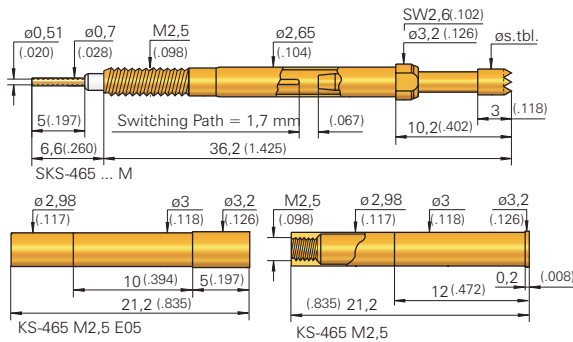


Grid:
≥ 3,50 mm
≥ 140 Mil

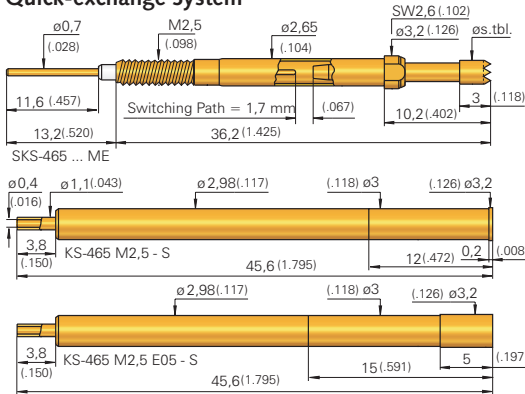
Installation Height: 10,5 - 26,5 mm (.413 - 1.043)

Switching Path: 1,7 mm (.067)

Mounting and Functional Dimensions



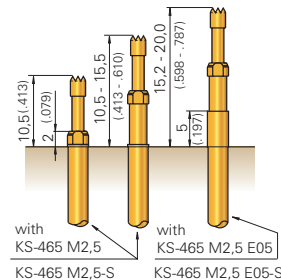
Quick-exchange System



Collar Height and Installation Height

Crimps in the Receptacle prevent the Test Probe from rotating. Different Installation Heights can be variably achieved with different Receptacles.

Designation of the Receptacle	Install. Heights with Tips 02/03/06	Install. Height with Tips 53/56
KS-465 M2,5 (-S)	10,5 - 15,5 mm (.413 - .610)	17,0 - 22,0 mm (.669 - .866)
KS-465 M2,5 E05 (-S)	15,2 - 20,0 mm (.598 - .787)	21,7 - 26,5 mm (.854 - 1.043)



Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			Ø	Ø (inch)
0 02		A	5,00 (1.18)	(.197) (.091)
3 02		A		
3 03		A		
3 06		A		
3 06		A	4,00 (1.01)	(.157)
3 53*		A		
3 56*		A		
3 56*		A		

* Tip Length 9,5 mm (.374)

Quick-exchange Receptacles:

Receptacles with end designation "-S" are quick-exchange Receptacles. The two wires are soldered to the outside wall of the Receptacle and the central Terminal point. This is done after assembling the Receptacle in the Mounting Hole. The Switching Probe can now be inserted or changed without any further soldering work.

Note:

Probes are screwed into KS-465...M using tools, see Page 162. Test Probes SKS-465 ... M with Tip Diameter > 3,0 N cannot be assembled with the available Screw-in Tools

Recommended Screw-in Torque: maximum 20 Ncm

Mechanical Data

Switching Path: 1,7 mm (.067)
± 0,3 mm (.012)
Maximum Stroke: 5,2 mm (.205)
Force at Switching Point: 0,7 N (2.5oz)
Force at 80% Stroke: 2,0 N (7.2oz);
3,5 N (12.7oz); 9,0 N (32.5oz)

Materials

Plunger: BeCu, gold-plated
with or without Insulator Cap
Barrel: Brass, gold-plated
Spring: Stainless Steel
Receptacle: Brass, gold-plated
Insulation: Teflon

Electrical Data

Current Rating: 3 A

Mounting Hole Size

in CEM 1 and FR 4: Ø 2,98 - 2,99 mm (.1173 - .1177)

Ordering Example

Ordering Example

	Series	Tip Material 0 = Delrin 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold	Spring Force (dN)	Collar Height (mm)	Type (alternative ME)
Test Probe:		S K S	4 6 5	3 0 6	2 3 0	A 2 0	0 2	M
Receptacles:		K S - 4 6 5 M 2,5 (-S)			K S - 4 6 5 M 2,5 E 05 (-S)			
Plug for SKS-465 ... M (see Page 140):		S E - 0 8 1						