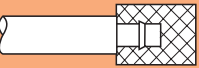






Switching Probe
 Installation Height: 10,0 mm (.394)
 Switching Path: 1,5 mm (.059)

Grid:
 ≈ 2,54 mm
 ≈ 100 Mil

SKS 215

Available Tip Styles						
Material	Tip Style	Standard Plating	Special Versions			
			Ø	Øinch		
0	02		Ø 1,80 (.071)	A		
3	02		Ø 1,80 (.071)	A	1,00	(.039)
3	03		Ø 1,80 (.071)	A		
3	05		Ø 1,00 (.039)	A		
3	06		Ø 1,80 (.071)	N		

Electrical Data

Current Rating: 3 A

Mounting Hole Size

with Receptacle: > see KS-112 Page 34
 without Receptacle: Ø 1,65 mm (.0650)

Materials

Plunger: BeCu, gold- or nickel-plated (or gold-plated with Insulator Cap)
 Barrel: Brass, gold-plated
 Spring: Steel, gold-plated
 Contact Terminal: Brass, gold-plated
 Receptacle: Brass, gold-plated

Application Areas:

- Combined component test with presence check
- active switching element

Note:

Warning: do not solder the cable to the crimp points of the Receptacle.

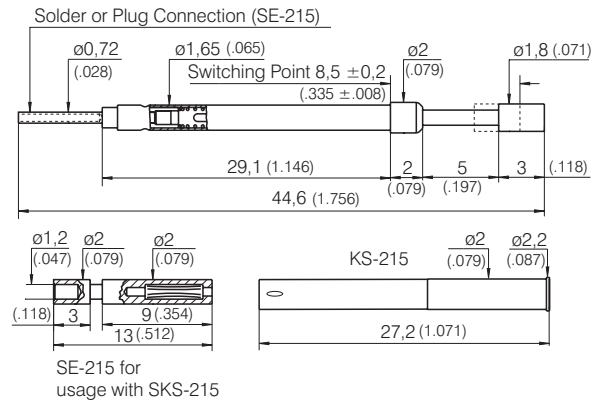
The Receptacle KS-215 S enables easy changing of the Switching Probe without removing the wiring connection. This Receptacle can only be used with SKS-215 E.

The special Tool "SW/ZW GKS - 112" must be used to install the Switching Probe > see Page 80.

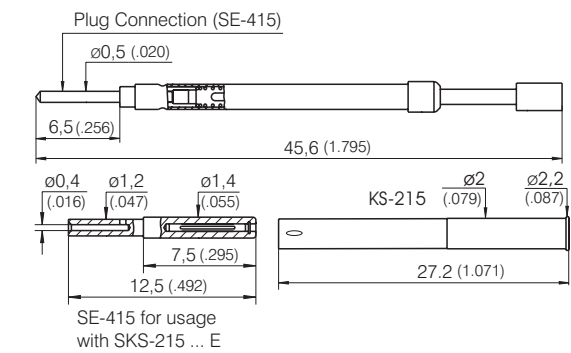
Screw-in Version > see SKS-215 M on Page 93.

Mounting and Functional Dimensions

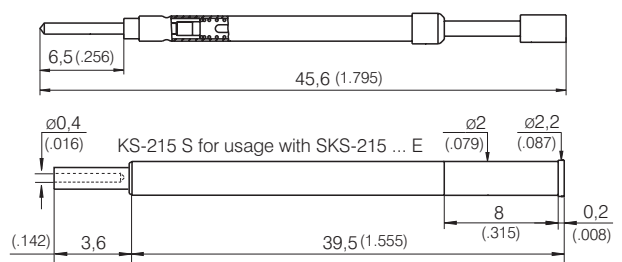
SKS - 215



SKS - 215 ... E



Quick-exchange System with SKS - 215 ... E



Mechanical Data

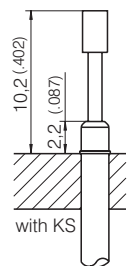
Switching Path: 1,5 mm (.059) ± 0,2 (.008)
 Maximum Stroke: 5,0 mm (.197)

Spring Force (dN)	Spring Force at Switching Point	Spring Force at 80% Stroke
08	0,23 N (0.8oz)	0,8 N (2.9oz)
15	0,45 N (1.6oz)	1,5 N (5.4oz)
30	0,90 N (3.2oz)	3,0 N (10.8oz)

Collar Height and Installation Height

The Installation Height of the Tip (Dimension without KS) is determined by the Collar Height.

Collar Height	Installation Height (without KS)
02	10,0 mm (.394)



Ordering Example:

Series	Tip Materials 0 = Delrin 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold N = Nickel	Spring Force (dN)	Collar Height (mm)	Type (alternative E)
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Test Probe:

SKS 215 3 02 180 A 30 02

Receptacles:

KS - 215 KS - 215 S

Lamellar Plug:

SE - 215