

NEW

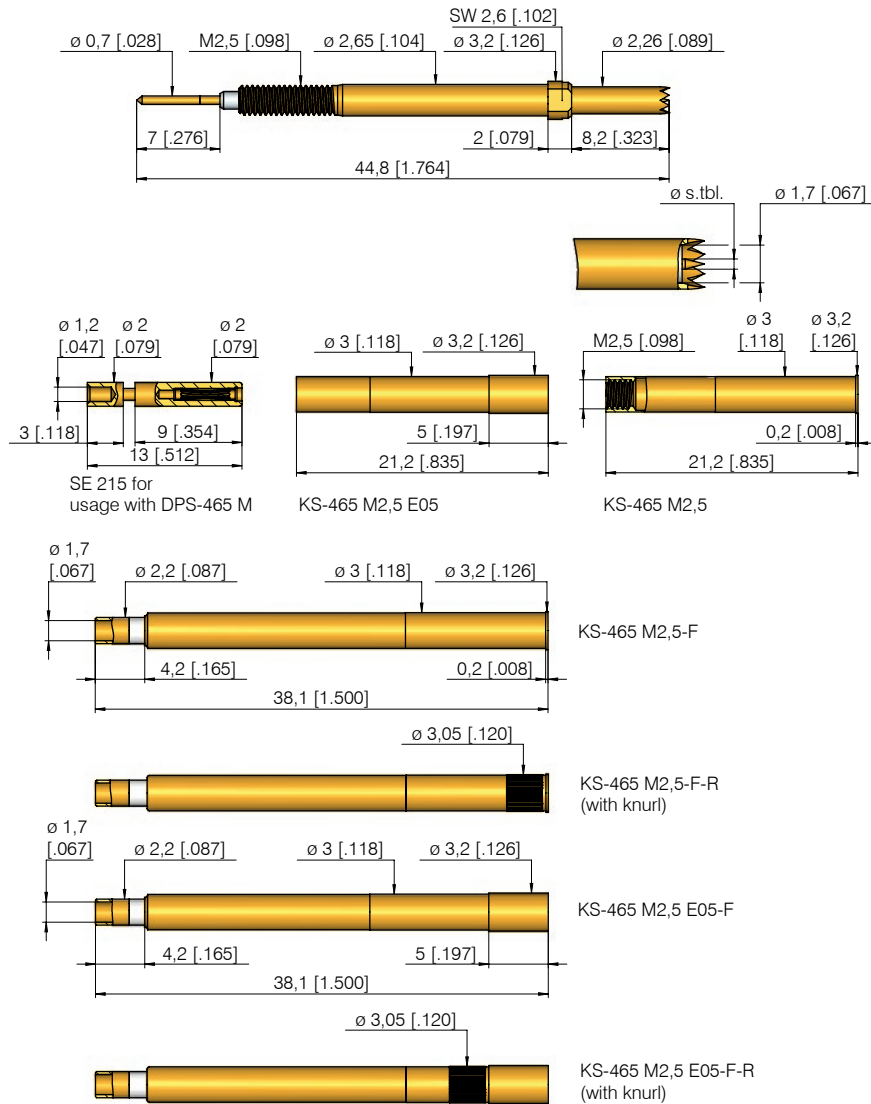
# DPS-465 M

Coaxial Dipole Probe

Grid:  
 ≥ 3,50 mm  
 ≥ 140 Mil

Installation height with KS: 10,4 mm (.395)  
 Recommended stroke: 4,0 mm (.157)

## Mounting and functional dimensions

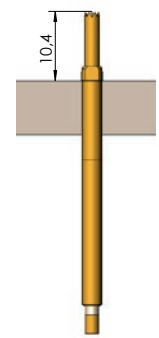


## Available tip styles inner conductor

Material	Tip-styles	Plating	Further versions	
			∅	∅ (inch)
3 02		A	∅ 0,50 (.020)	
3 06		A	∅ 1,00 (.039)	
3 51		A	∅ 0,50 (.020)	
3 54		A	∅ 1,00 (.039)	

## Available tip styles outer conductor

Material	Tip-styles	Plating	Further versions	
			∅	∅ (inch)
3 02		A	∅ 2,26 (.089)	
3 06		A	∅ 2,26 (.089)	



DPS-465...02 M with KS-465 M2,5

**Mechanical data**  
**Working stroke:** 4,0 mm (.157)  
**Maximum stroke:** 5,0 mm (.197)  
**Spring force at working stroke**  
 - outer conductor: 3,0 N (10.7oz)  
 - inner conductor: 1,0 N (3.6oz)

**Materials**  
**Plunger:** BeCu, gold-plated  
**Barrel:** Brass, gold-plated  
**Spring:** Steel, gold-plated  
**Receptacle:** Brass, gold-plated  
**Insulation:** PTFE

**Note:**  
 Recommended screw-in torque:  
 Min.: 3 cNm / Max.: 5 cNm.

**Electrical data**  
**Current rating outer conductor:** 10 A  
**Current rating inner conductor:** 2 A  
**R<sub>i</sub> typical:** < 20 mΩ

**Mounting hole size**  
**KS without knurl** in CEM1 and FR4 ∅ 2,98 - 2,99 mm (.117 - .118)  
**KS with knurl** in CEM1 and FR4 ∅ 3,00 - 3,02 mm (.118 - .119)

**Note:**  
 The inner conductor is fixed in the probe, and therefore cannot be changed.

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

## Ordering example

