

NEW

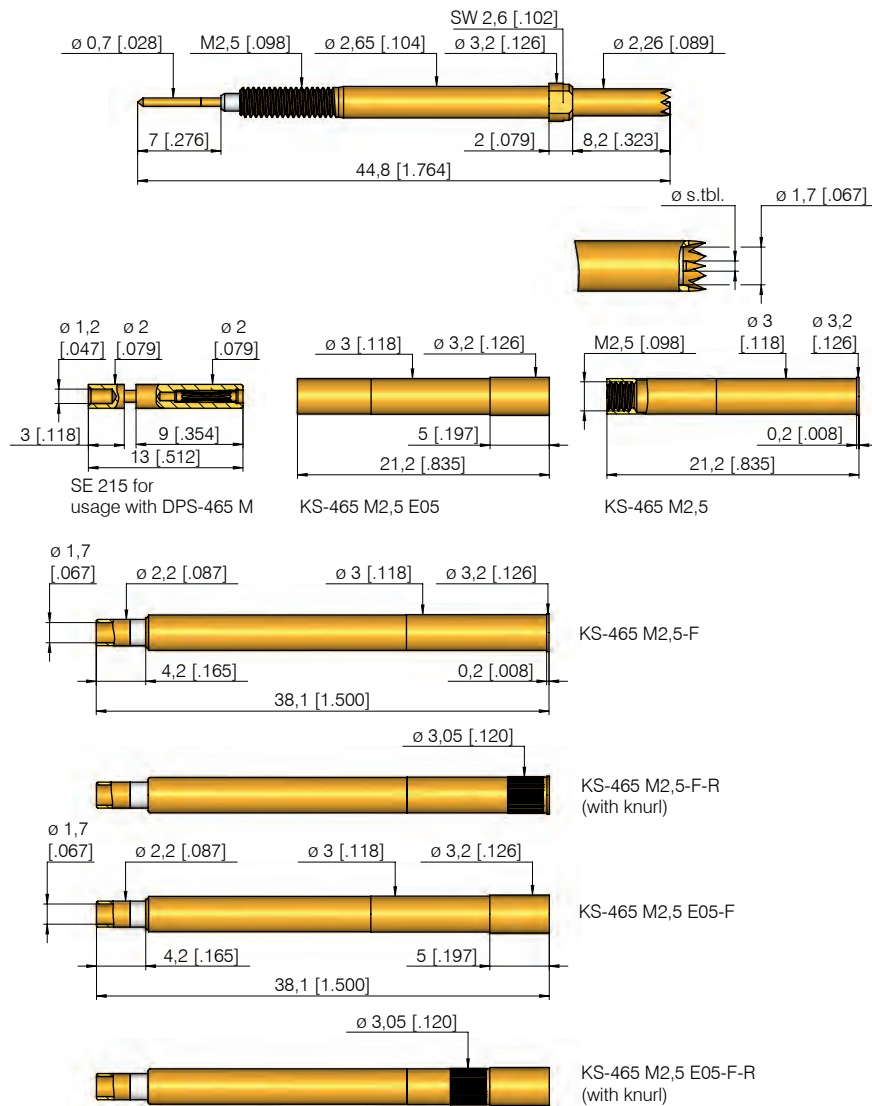
DPS-465 M

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)

Electrical data

Current rating outer conductor: 10 A
Current rating inner conductor: 2 A
R_i typical: < 20 mΩ

Operating temperature

Standard: -40 up to +80 °C

Materials

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

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:

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

Note:

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

Ordering example

