

DPS-215 M

Coaxial Dipole Probe

NEW

Grid:

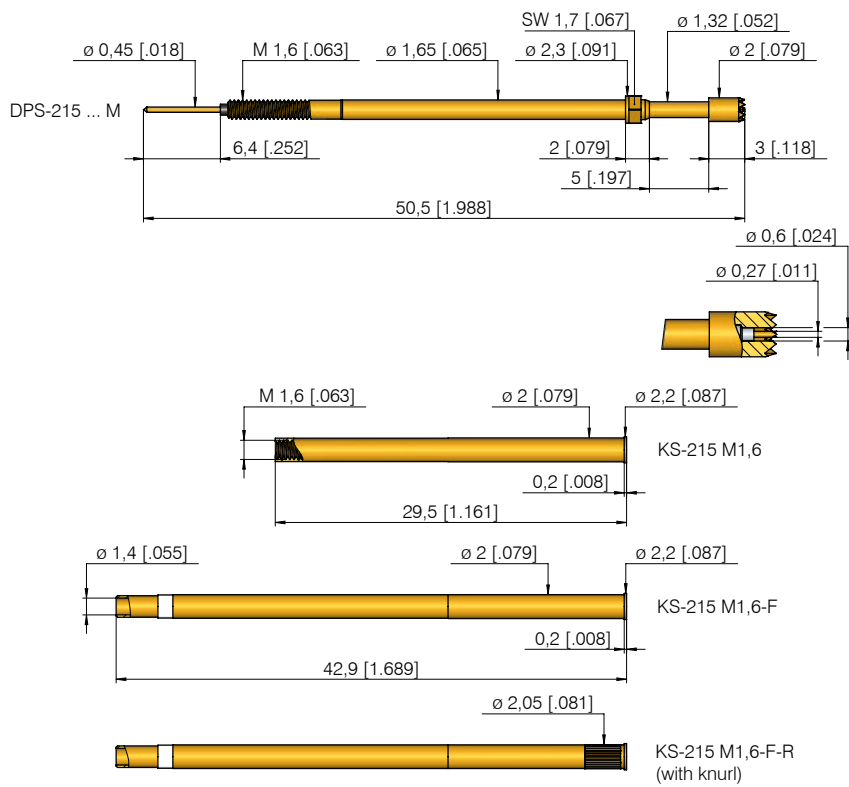
≥ 2,54 mm

≥ 100 Mil

Installation height with KS: 10,2 mm (.402)

Recommended stroke: 4,0 mm (.157)

Mounting and functional dimensions

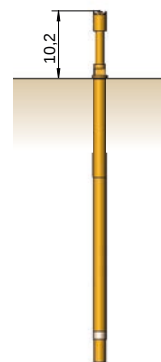


Available tip styles inner conductor

Material	Tip style	Plating	Further versions	
			Ø	Ø (inch)
3	04	A	Ø 0,27 (.011)	

Available tip styles outer conductor

Material	Tip style	Plating	Further versions	
			Ø	Ø (inch)
3	06	A	Ø 2,00 (.079)	



DPS-215...06 M
with KS-215 M1,6 F

Mechanical data

Working stroke: 4,0 mm (.157)

Maximum stroke: 5,0 mm (.197)

Spring force at working stroke

- outer conductor: 1,6 N (5.7oz)

- inner conductor: 0,4 N (1.4oz)

Electrical data

Current rating outer conductor: 8 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 with knurl Ø 2,00 - 2,02 mm

in CEM1 and FR4 (.079 - .080)

KS without knurl Ø 1,99 mm (.078)

in CEM1 and FR4

Note:

The receptacle KS-215 M1,6 (-F/-F-R) can be used from grid size 2,54 mm (100 Mil) upwards.

Note:

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

Note:

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

Ordering example

	Series	Tip material 3 = BeCu	Tip style	Tip diameter (1/100 mm)	Plating A = Gold	Spring force (dN)	Outer plunger	Type M
Test probe:	DPS	215	3	04	027	A	2006	M
Receptacles:	KS-215	M1,6	KS-215	M1,6-F				
	KS-215	M1,6-F-R						