

DPS-215 M

Coaxial Dipole Probe

NEW

Grid:

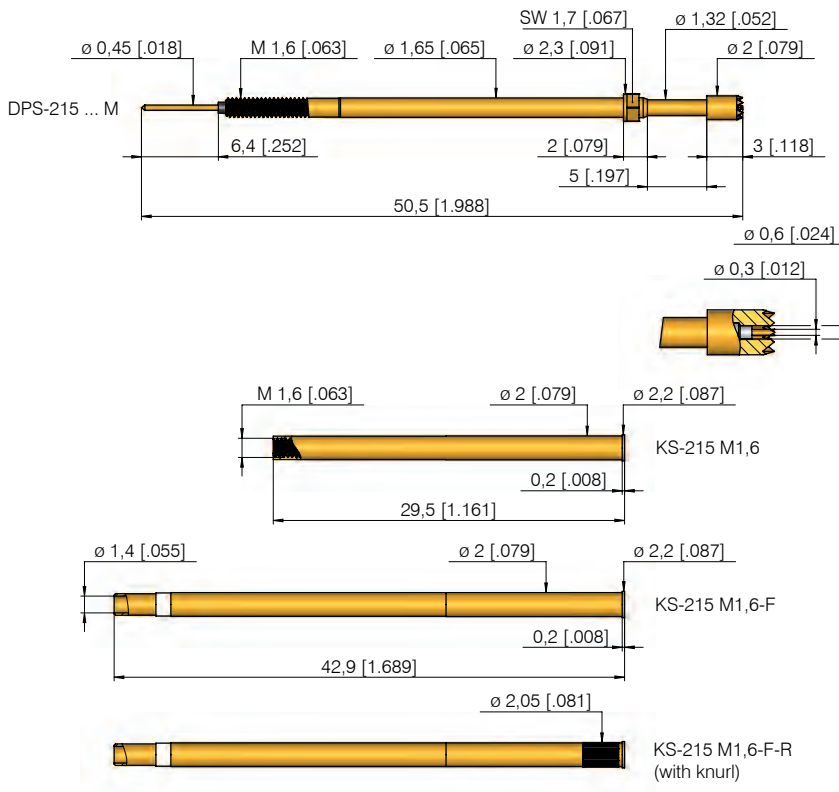
≥ 2,54 mm

≥ 100 Mil

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

Recommended stroke: 4,0 mm (.157)

Mounting and functional dimensions

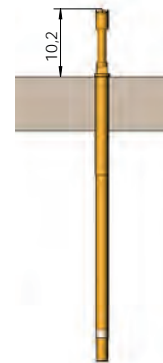


Available tip styles inner conductor

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

Available tip styles outer conductor

Material	Tip style	Plating	Further versions	
			\varnothing	\varnothing (inch)
3 06		A	$\varnothing 2,00$ (.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 in CEM1 and FR4	$\varnothing 2,00 - 2,02$ mm (.079 - .080)
KS without knurl in CEM1 and FR4	$\varnothing 1,99$ mm (.078)

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
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Test probe:

D P S 2 1 5 3 0 4 0 2 7 A 2 0 0 6 M

Receptacles:

K S - 2 1 5 M 1,6 K S - 2 1 5 M 1,6 - F

K S - 2 1 5 M 1,6 - F - R