Dipole / coaxial probe

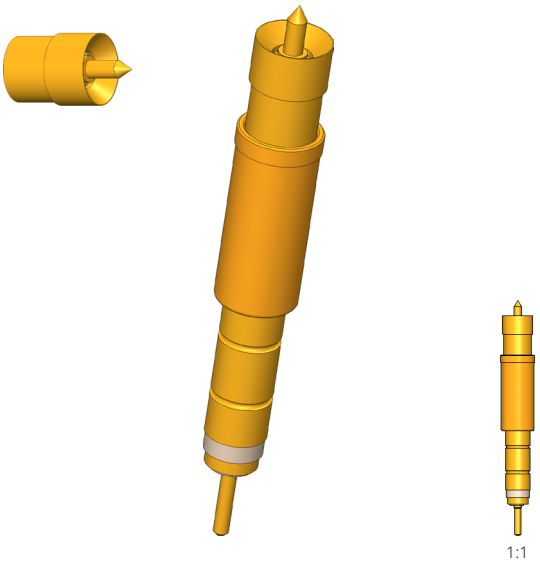
# DPS-445 271 100 A 6543

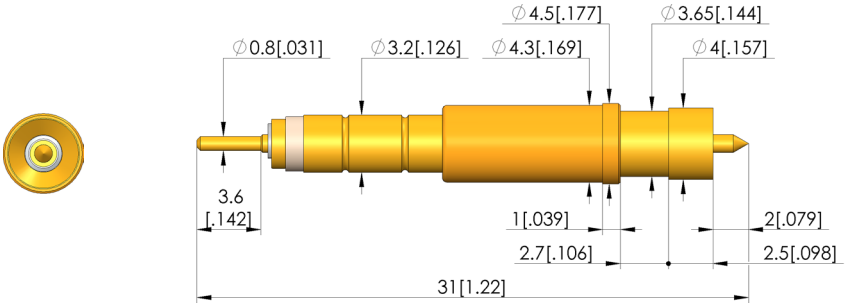
Item DPS-445-0002

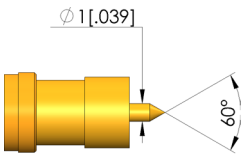
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Dipole / coaxial probe

# DPS-445 271 100 A 6543

Item DPS-445-0002

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## General data

| | |
|---|---|
| Product group: | DPS dipole test probe |
| Series: | DPS-445 |
| Sub-series: | DPS-445 |
| Grid: | 5 mm [196 mil] |
| DUT / contact: | PCB |
| Installation type: | Plug-in |
| Floating mount: | No |
| Non-rotating: | No |
| Continuous plunger: | Yes |
| KS sub-series: | KS-445, press-in version |
| Min. temperature: | - 40 °C [- 104 °F] |
| Max. temperature: | + 80 °C [+ 176 °F] |
| RoHS-compliant: | RoHS-3;6a;6c |

## Outer conductor data

| | |
|---|---|
| Outer conductor tip style: | 43 centring for outer side of connector |
| Outer conductor tip style diameter: | 4 mm [.157 in] |
| Spring force of entire outer conductor at working stroke: | 4.5 N [16.1 ozf] |
| Outer conductor working stroke: | 2 mm [.078 in] |
| Outer conductor maximum stroke: | 2.6 mm [.102 in] |
| Exchangeable outer conductor: | No |

## Inner conductor data

| | |
|---|---|
| Inner conductor tip style: | 71 60° conical tip |
| Inner conductor tip style diameter: | 1 mm [.039 in] |
| Inner conductor tip style material: | 2 steel |
| Inner conductor tip style surface: | A gold |
| Number of inner conductors: | 1 |
| Exchangeable inner conductor: | No |
| Inner conductor working stroke: | 3 mm [.118 in] |
| Spring force of each inner conductor at working stroke: | 2 N [7.19 ozf] |
| Inner conductor maximum stroke: | 3.5 mm [.137 in] |

## Mechanical data

| | |
|---|---|
| Total spring force at working stroke: | 6.5 N [23.3 ozf] |
| Total length: | 31 mm [1.22 in] |
| Barrel diameter: | 4.3 mm [.169 in] |
| Installation height without receptacle: | 8.2 mm [.322 in] |

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