

# High-current probe

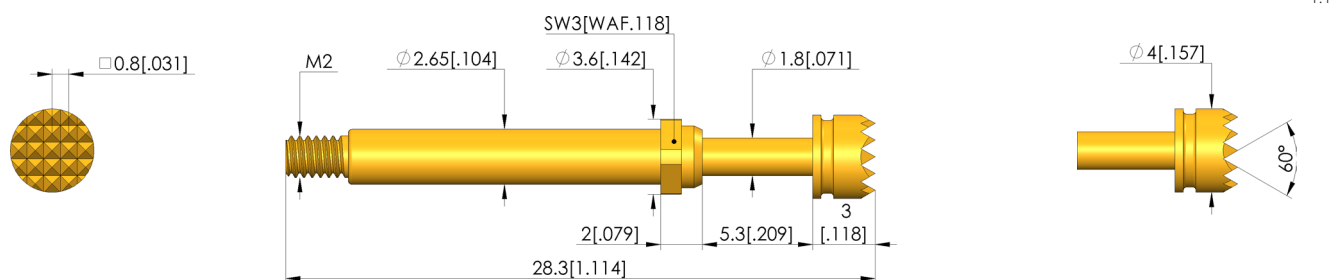
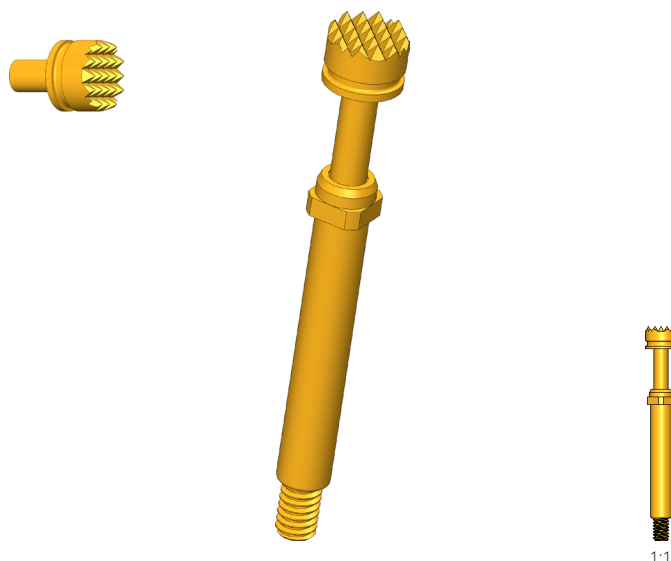
## HSS-120 306 400 A 1502 M

Item HSS-120-0085

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- Trusted high-current probes, optimally sized for current load capacity ratio
- Low-Ohm probe with Ri typical: < 10 mOhm
- For use in function and burn-in tests
- Large selection of tip styles and spring forces for optimum contact with DUT
- Secure hold in the receptacle thanks to the threaded connection



### General data

Product group: High-current test probe  
 Sub-product group: Standard HSS (screw-in)  
 Series: HSS-120 M screw-in  
 Grid: 5 mm [196 mil]  
 Contacting from: Pin, post, flat contact  
 Magnetic: Yes  
 Installation type: Screw-in  
 Quick-exchange system: Yes  
 Adjustable installation height: No  
 Non-rotating: No  
 Screw-in torque: 10 - 20 cNm [.885 - 1.77 lbf-in]  
 Compatible receptacle(s): KS-113 M  
 Min. temperature: - 100 °C [- 212 °F]  
 Max. temperature: + 200 °C [+ 392 °F]  
 RoHS-compliant: RoHS-3;6c

### Electrical data

Current load capacity / rated current: 30 A  
 Typical resistance (Ri): <10 mOhm

### Mechanical data

Total length: 28.3 mm [1.11 in]  
 Barrel diameter: 2.65 mm [.104 in]  
 Maximum stroke: 5.3 mm [.208 in]  
 Spring pre-load: 0.45 N [1.61 ozf]  
 Collar height: 02  
 Spring force at working stroke: 1.5 N [5.39 ozf]  
 Recommended working stroke: 4 mm [.157 in]

### Tip style data

Tip style: 06 serrated  
 Tip diameter: 4 mm [.157 in]  
 Tip style surface: A gold  
 Tip style material: 3 CuBe

SCREW-IN TEST PROBE

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