High-current probe

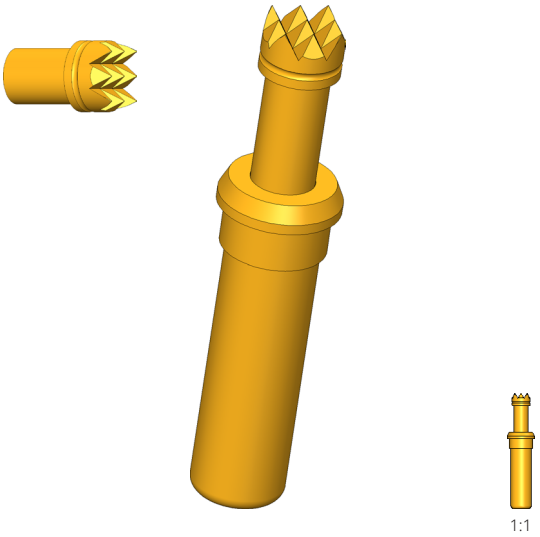
HSS-520 306 230 A 1502 Z

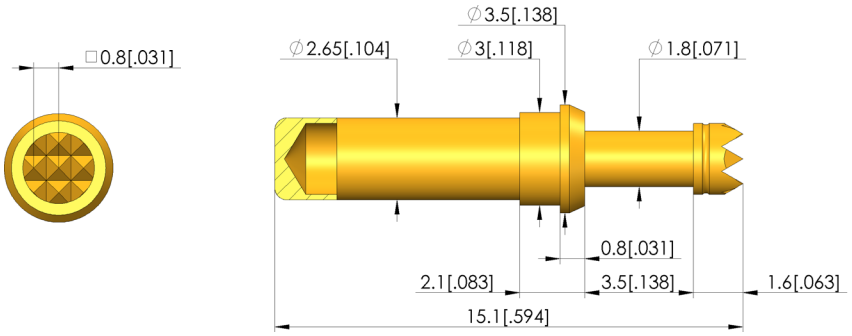
Item HSS-520-0019

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Partner for Future Technology

- Short-stroke high-current probes with optimum size to current load capacity ratio
- For use in applications with limited space
- Low-Ohm probe with Ri typical: < 10 mOhm





General data

Product group:	High-current test probe
Sub-product group:	Short stroke HSS
Series:	HSS-520 Z
Grid:	4 mm [157 mil]
Contacting from:	Pin, Post, Flat contact
Magnetic:	Yes
Installation type:	Plug-in
Quick-exchange system:	Yes
Adjustable installation height:	No
Non-rotating:	No
Compatible receptacle(s):	KS-913
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):	<20 mOhm

Mechanical data

Total length:	15.1 mm [.594 in]
Barrel diameter:	2.65 mm [.104 in]
Maximum stroke:	3.5 mm [.137 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:	2.8 mm [.110 in]

Tip style data

Tip style:	06 serrated
Tip diameter:	2.3 mm [.090 in]
Tip style surface:	A gold
Tip style material:	3 CuBe

HIGH-CURRENT TEST PROBE

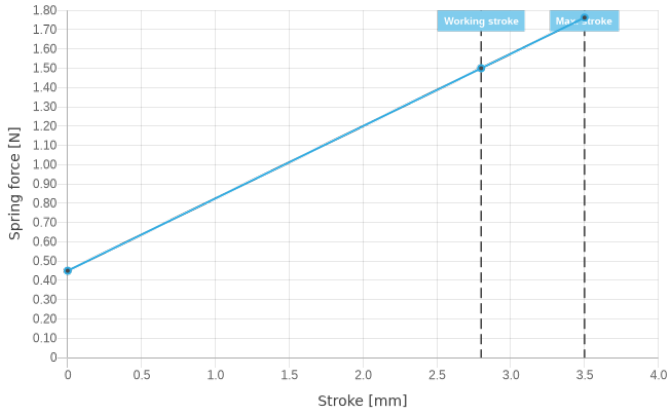
High-current probe

HSS-520 306 230 A 1502 Z

Item HSS-520-0019

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