

Battery contacting probe

BCP-696 360 2200 A 150004-62

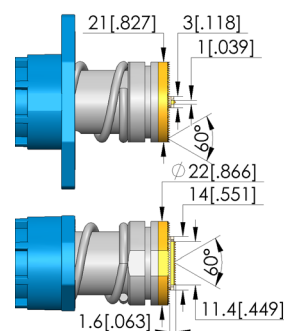
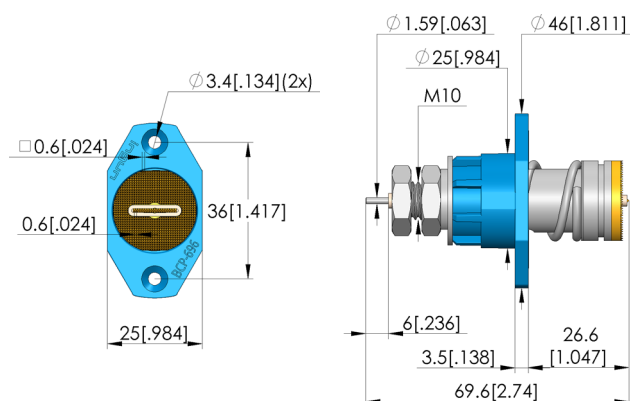
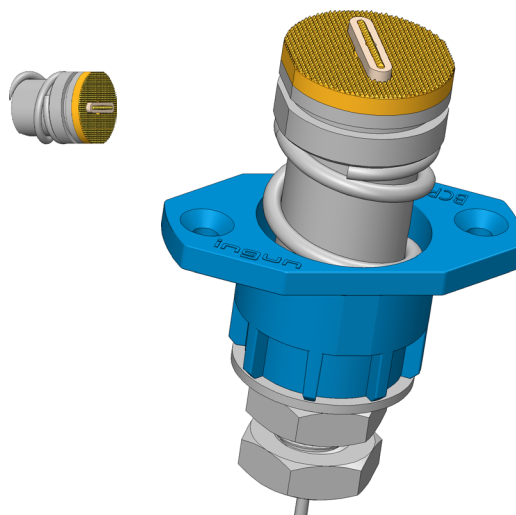
Item BCP-696-0003

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- Contact solution for 4680 cylindrical cells and prismatic cells
- Suitable for currents up to 200 A at $\Delta T \leq 20$ K on aluminium
- Low-impedance probe with typical total resistance < 0.5 mOhm
- State of the art - Flat-type Voltage-Sense Pin
- Continuous plunger system with minimal internal resistance.
- Designed for a wide range of applications, especially for formation and other end-of-life (EOL) tests
- Simple flange mounting with flexible cable connection
- Dipole design for precise voltage measurement
- Easy connection of the voltage sensor: both soldering and cable lug installation possible



General data

Product group:	Dipole BCP / 4-wire clamp
Sub-product group:	Dipole BCP / 4-wire clamp
Series:	BCP-696
Grid:	26 mm [1,023 mil]
Magnetic:	Yes
Installation type:	Flange
Quick-exchange system:	No
Type of test probe connection:	Thread connection
Adjustable installation height:	No
Non-rotating:	Yes
Min. temperature:	-40 °C [-40 °F]
Max. temperature:	80 °C [176 °F]
RoHS-compliant:	Yes

Tip style data

Tip style:	60 serrated, small grid
Tip diameter:	22 mm [0.866 in]
Tip style surface:	A gold
Tip style material:	3 CuBe

Electrical data

Current load capacity / rated current:	200 A
Typical resistance (Ri):	.5 mOhm

Mechanical data

Total length:	69.6 mm [2.74 in]
Barrel diameter:	25 mm [0.984 in]
Maximum stroke:	10 mm [0.393 in]
Spring pre-load:	99.5 N [357 ozf]
Collar height:	04
Spring force at working stroke:	150 N [539 ozf]
Recommended working stroke:	5 mm [0.196 in]

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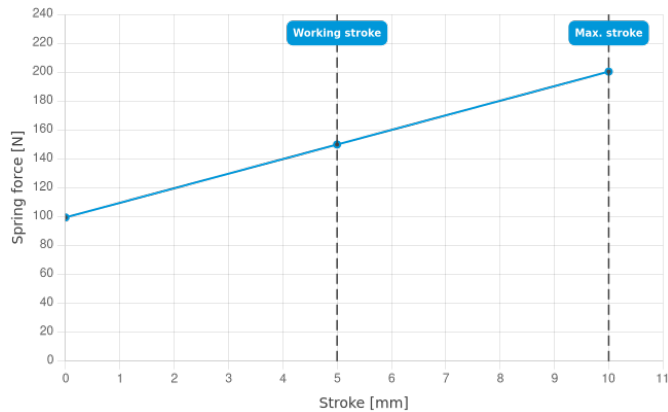
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Cable plug assemblies

Part no.	Designation	Version
SE-AWG20-0002	SE-AWG20-2-BU01660-100	cable assembly
SE-AWG08-0001	SE-AWG08-6-AN0001-130-AN0002-5	cable assembly

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