

Battery contacting probe

BCP-694 360 1400 A 60004-63

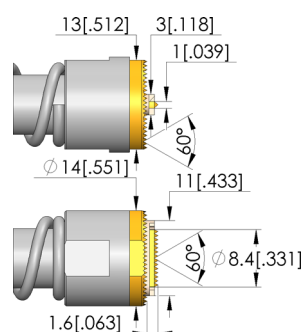
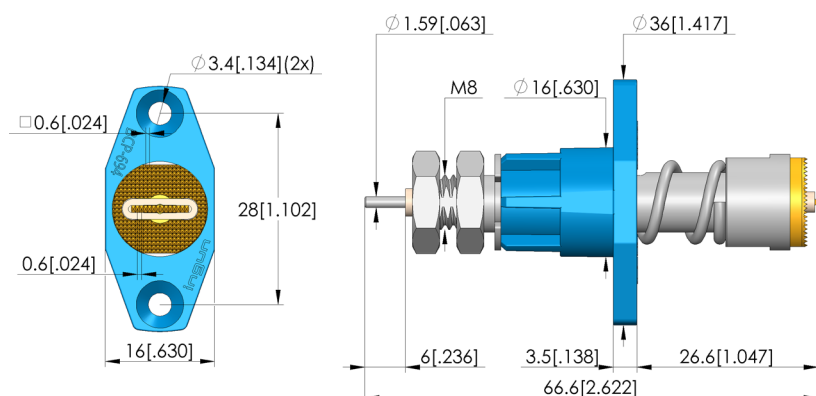
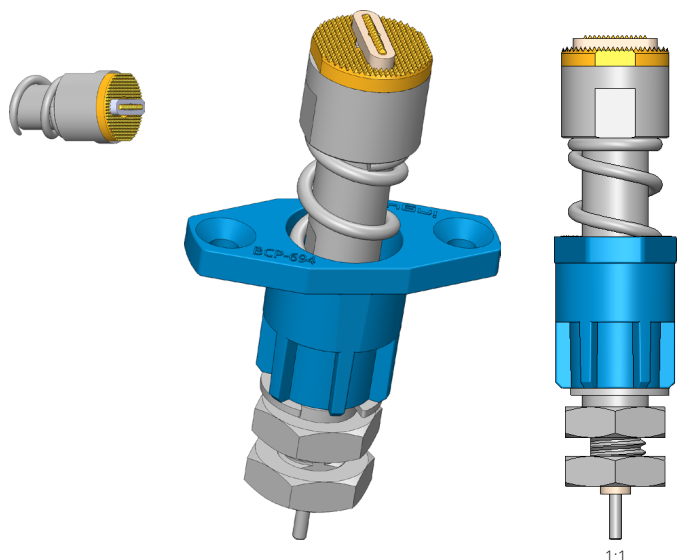
Item BCP-694-0003

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- Contact solution for 4680 cylindrical cells and prismatic cells
- Suitable for currents up to 100 A at $\Delta T \leq 20$ K on aluminium
- Low-impedance probe with typical total resistance < 2.5 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:
Sub-product group:
Series:
Grid:
Magnetic:
Installation type:
Quick-exchange system:
Type of test probe connection:
Adjustable installation height:
Non-rotating:
Continuous plunger:
Min. temperature:
Max. temperature:
RoHS-compliant:

Dipole BCP / 4-wire clamp
Dipole BCP / 4-wire clamp
BCP-694
17 mm [669 mil]
Yes
Flange
No
Thread connection
No
Yes
M 8 x 10,5
-40 °C [-40 °F]
80 °C [176 °F]
Yes

Tip style data

Tip style:
Tip diameter:
Tip style surface:
Tip style material:

60 serrated, small grid
14 mm [.551 in]
A gold
3 CuBe

Electrical data

Current load capacity / rated current:
Typical resistance (Ri):

100 A
.5 mOhm

Mechanical data

Total length:
Barrel diameter:
Maximum stroke:
Spring pre-load:
Collar height:
Spring force at working stroke:
Recommended working stroke:

66.6 mm [2.62 in]
16 mm [.629 in]
7 mm [.275 in]
30.3 N [109 ozf]
04
60 N [215 ozf]
4.4 mm [.173 in]

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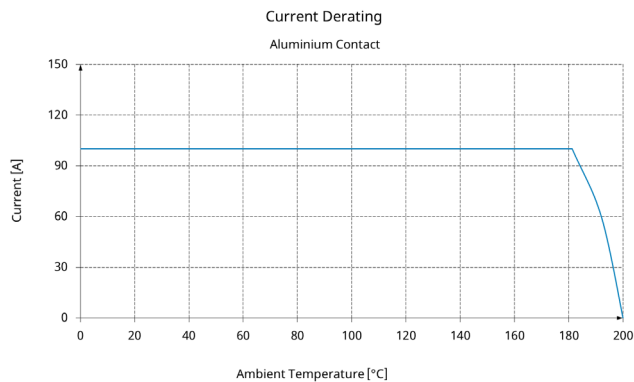
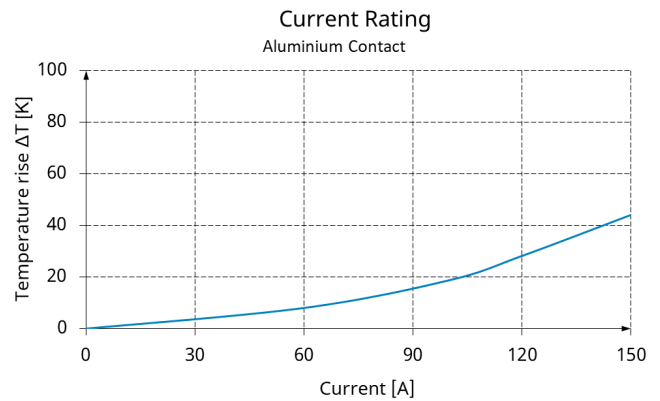
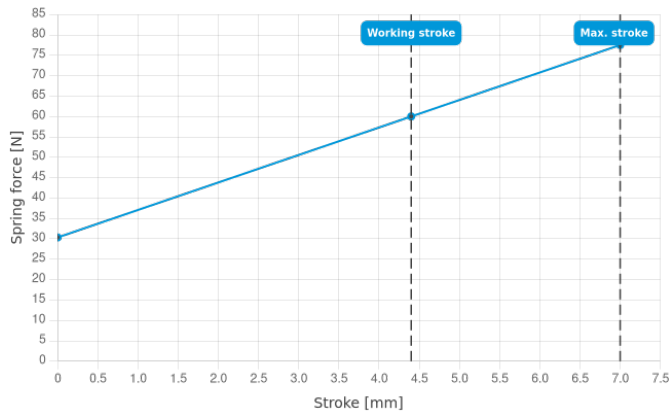
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Cable plug assemblies

Part no.	Designation	Version
SE-AWG08-0002	SE-AWG08-6-AN0003-100-AN0004-3	cable assembly
SE-AWG20-0002	SE-AWG20-2-BU01660-100	cable assembly

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Prices and delivery times on request.
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