

Battery contacting probe BCP-695 360 1800 A 100004-54

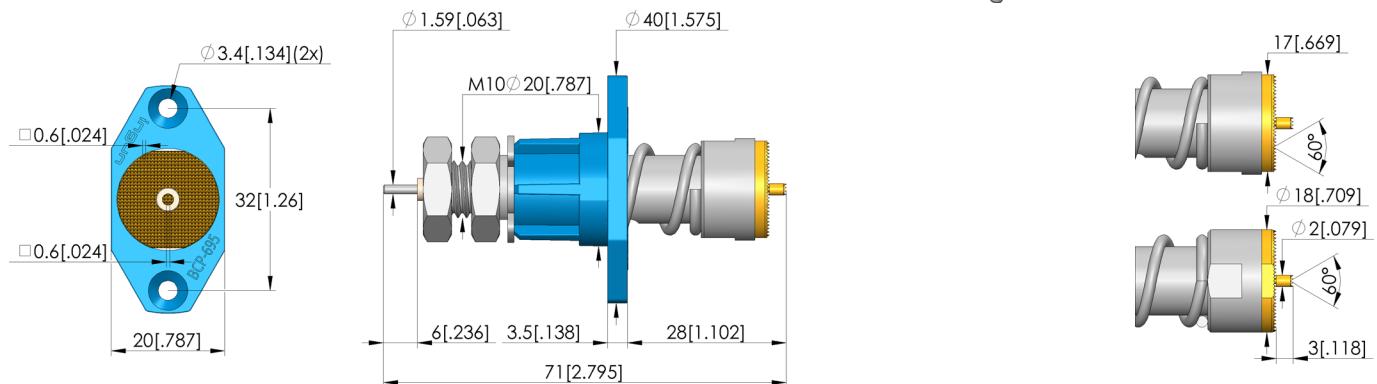
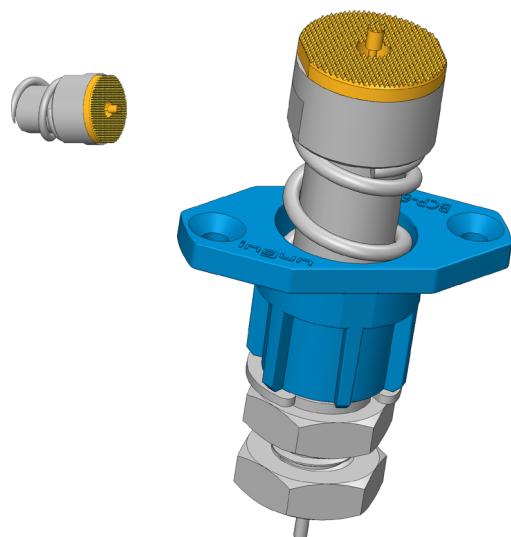
Item BCP-695-0001



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- Contact solution for 4680 cylindrical cells and prismatic cells
- Suitable for currents up to 120 A at $\Delta T \leq 20$ K on aluminium
- Low-impedance probe with typical total resistance < 1.5 mOhm
- 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:
Min. temperature:
Max. temperature:
RoHS-compliant:

Dipole BCP / 4-wire clamp
Dipole BCP / 4-wire clamp
BCP-695
21 mm [826 mil]
Yes
Flange
No
Thread connection
No
Yes
-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
18 mm [.708 in]
A gold
3 CuBe

Electrical data

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

120 A
.5 mOhm

Mechanical data

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

71 mm [2.79 in]
20 mm [.787 in]
7 mm [.275 in]
47.6 N [171 ozf]
04
100 N [359 ozf]
4.4 mm [.173 in]

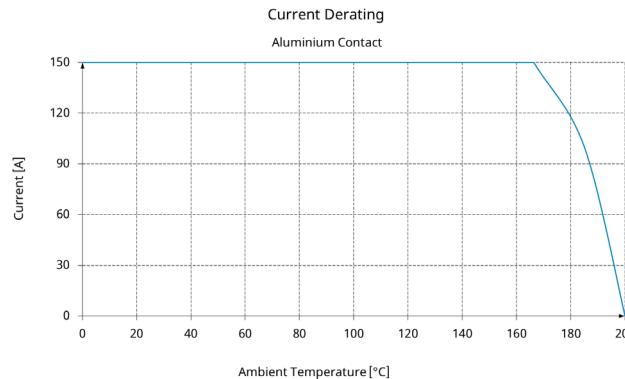
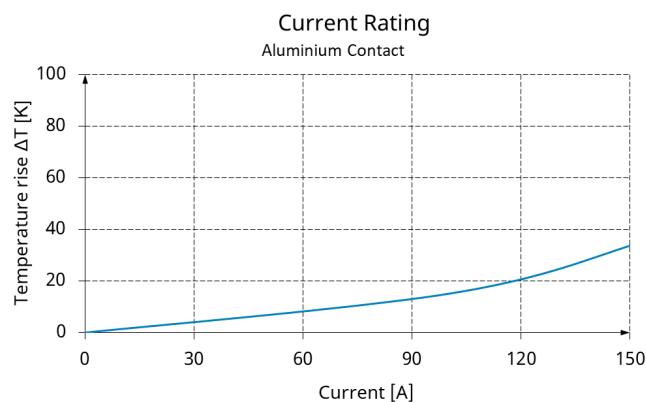
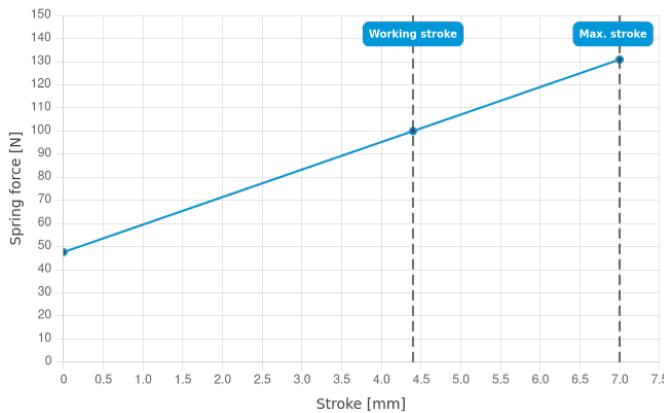
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Cable plug assemblies

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

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Test probes



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