

Battery contacting probe

BCP-694 360 1250 A 45004-53

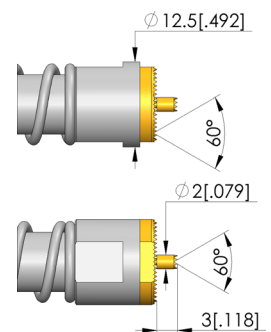
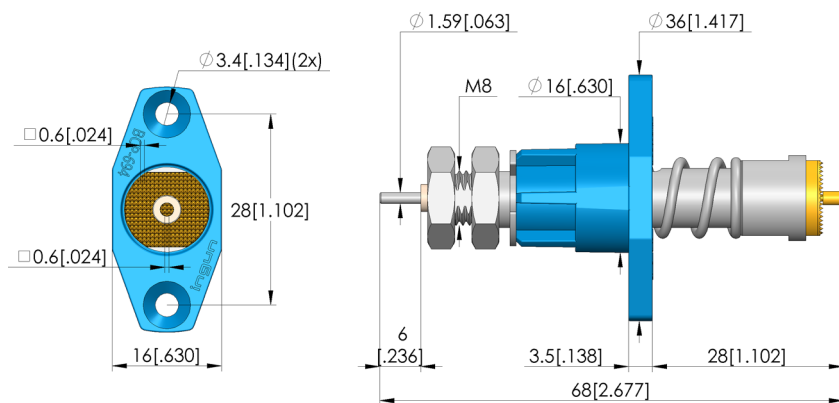
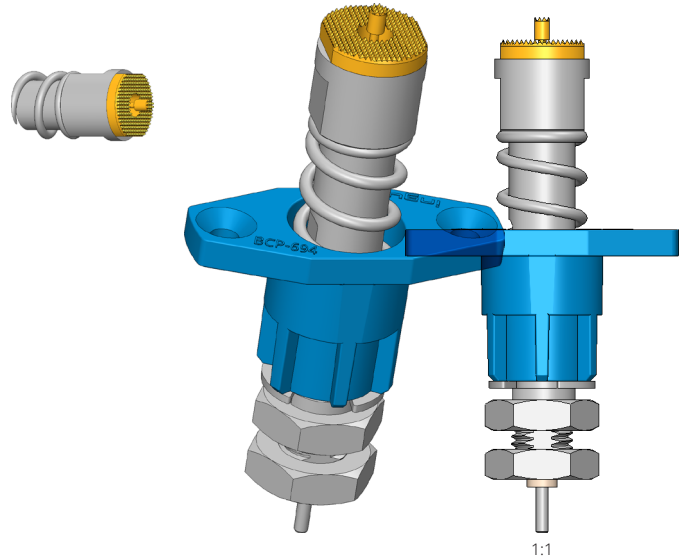
Item BCP-694-0002



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- Contact solution for 4680 cylindrical cells and prismatic cells
- Suitable for currents up to 80 A at $\Delta T \leq 20$ K on aluminium
- Low-impedance probe with typical total resistance < 2.5 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:
Contacting from:
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]
Post
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
12.5 mm [.492 in]
A gold
3 CuBe

Electrical data

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

80 A
.5 mOhm

Mechanical data

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

68 mm [2.67 in]
16 mm [.629 in]
7 mm [.275 in]
22.7 N [81.8 ozf]
04
45 N [161 ozf]
4.4 mm [.173 in]

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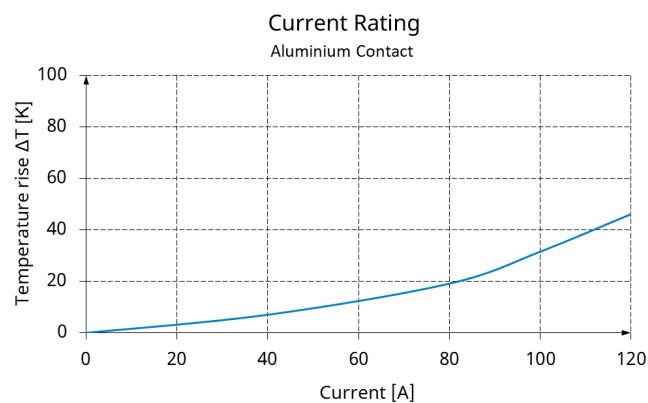
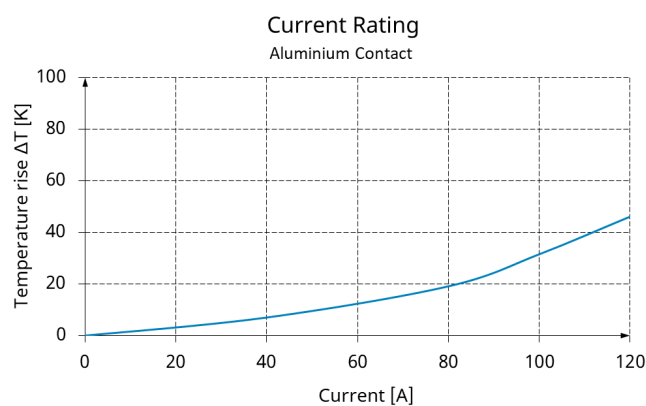
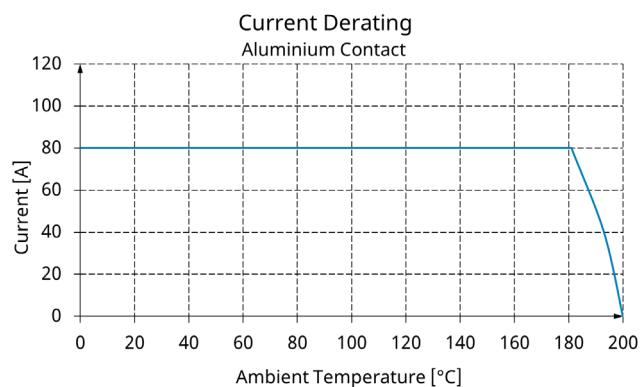
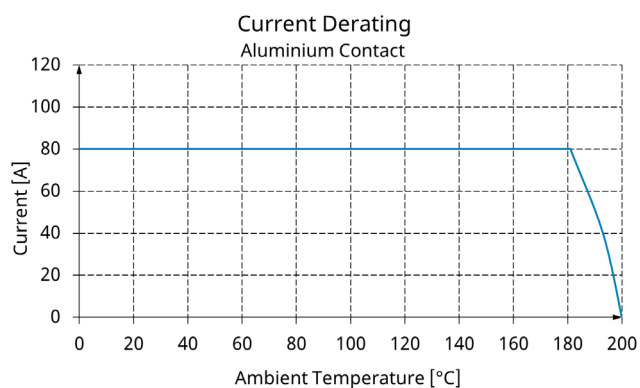
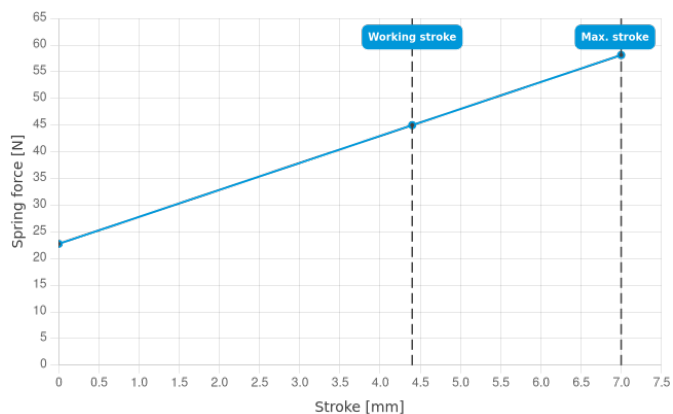
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Prices and delivery times on request.
Technical changes reserved. 11/25_GB

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