

Battery contacting probe

BCP-120 306 230 A 3002

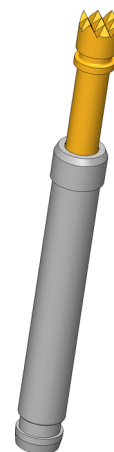
Item BCP-120-0002



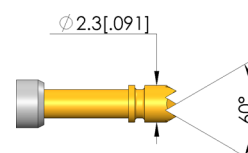
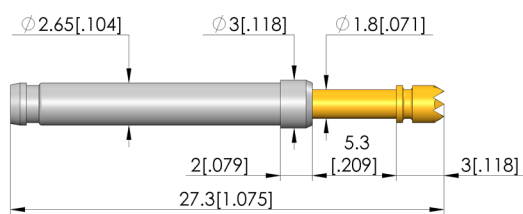
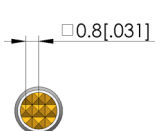
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Partner for Future Technology

- Contacting solution for cylindrical cells
- Can be loaded with currents up to 20 A at $\Delta T \leq 20^\circ\text{K}$
- Low-Ohm probe with R_i typical: $< 10 \text{ m}\Omega$
- Developed for a range of applications including pre-charging, formation, measurement of internal resistance (IR), open-circuit voltage (OCV) assessment and end-of-life (EOL) testing



1:1



General data

Product group:
Sub-product group:
Series:
Grid:
Contacting from:
Magnetic:
Installation type:
Quick-exchange system:
Adjustable installation height:
Non-rotating:
Compatible receptacle(s):
Min. temperature:
Max. temperature:
RoHS-compliant:

Battery Contacting
Standard BCP (press-in)
BCP-120
4 mm [157 mil]
Post
Yes
Plug-in
Yes
No
KS-113
-100 °C [-148 °F]
200 °C [392 °F]
Yes

Tip style data

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

06 serrated
2.3 mm [.09 in]
A gold
3 CuBe

Electrical data

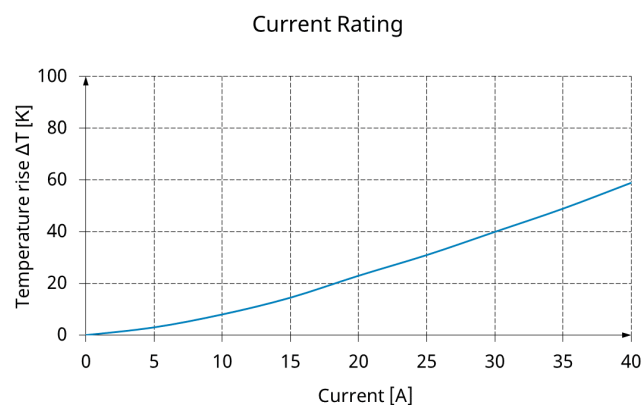
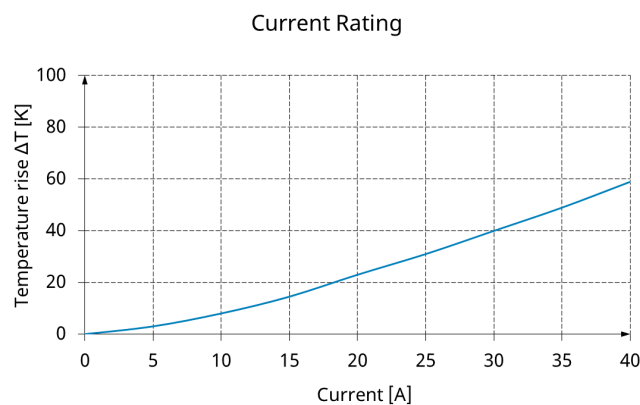
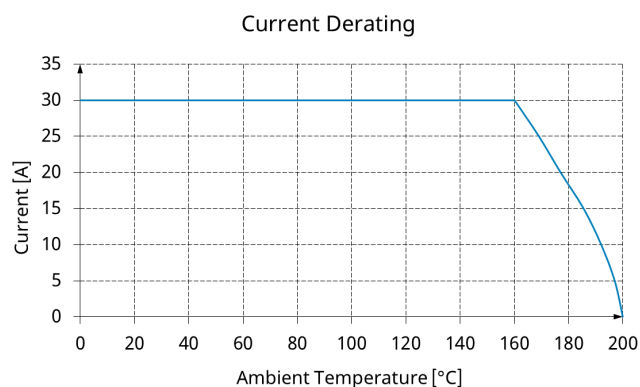
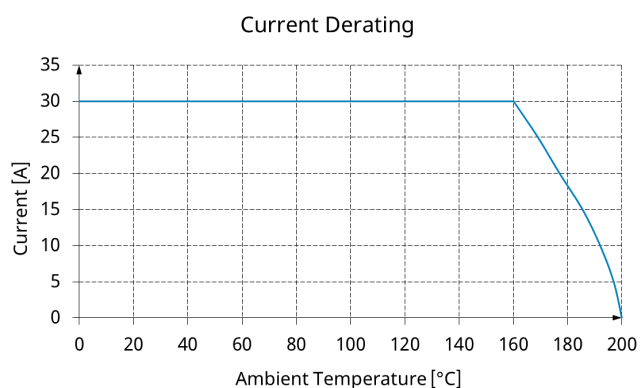
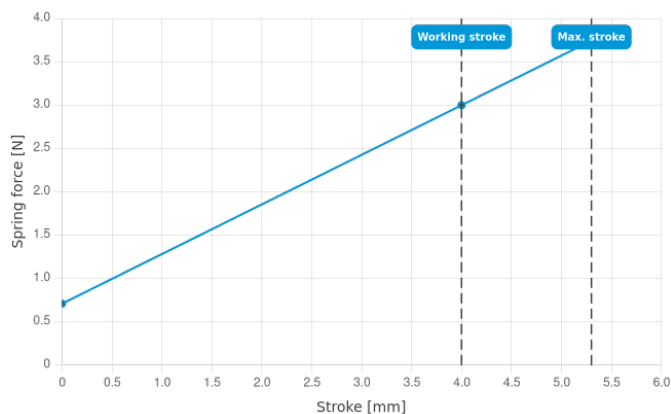
Current load capacity / rated current:
Typical resistance (R_i):

30 A
10 m Ω

Mechanical data

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

27.3 mm [1.07 in]
2.65 mm [.104 in]
5.3 mm [.208 in]
0.71 N [2.55 ozf]
02
3 N [10.7 ozf]
4 mm [.157 in]



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