

Battery contacting probe

BCP-118 306 200 A 2202

Item BCP-118-0003

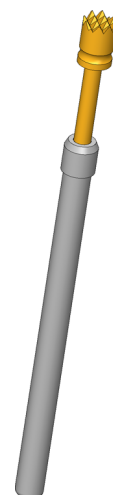


GO TO PRODUCT

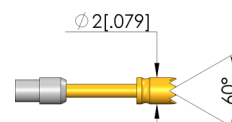
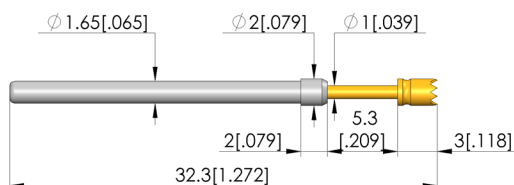
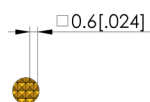
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Partner for Future Technology

- Contacting solution for cylindrical cells
- Can be loaded with currents up to 18 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-118
2.54 mm [100 mil]
Post
Yes
Plug-in
Yes
No
No
KS-112
-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 mm [0.078 in]
A gold
3 CuBe

Electrical data

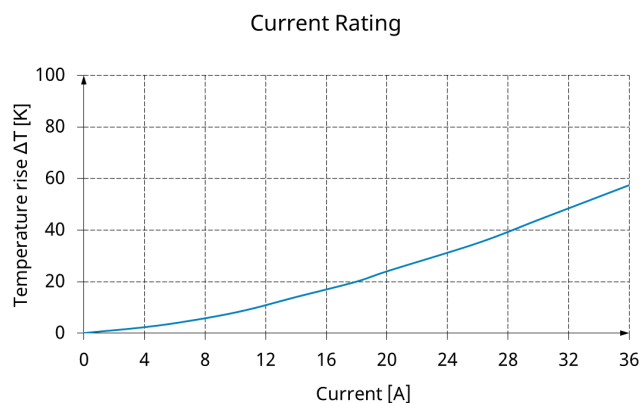
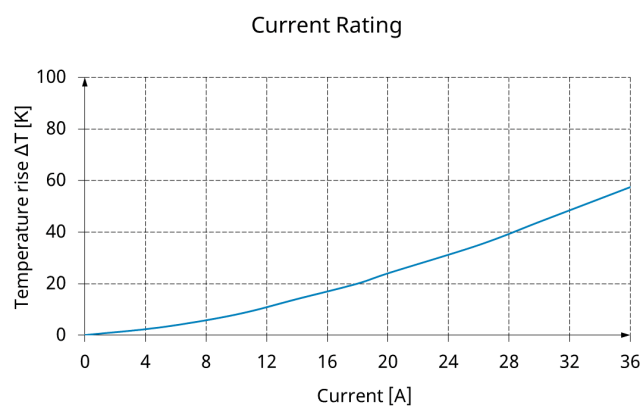
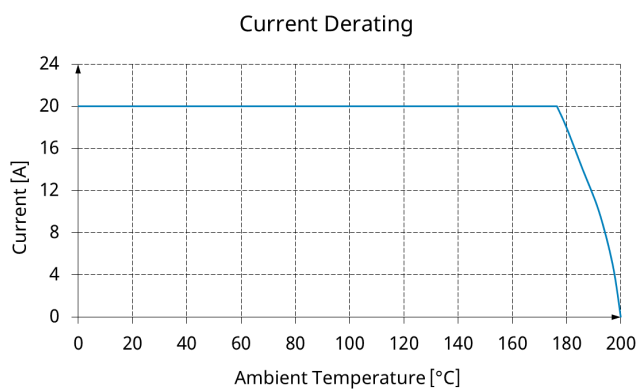
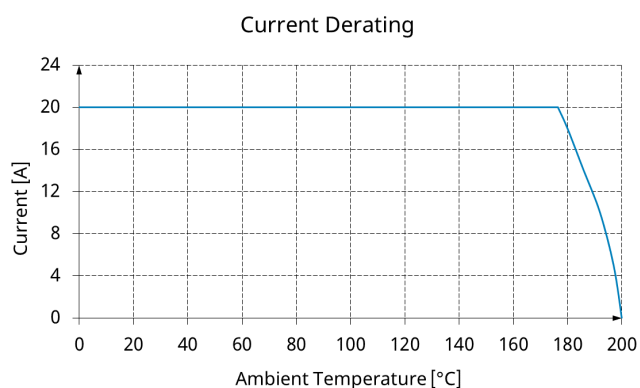
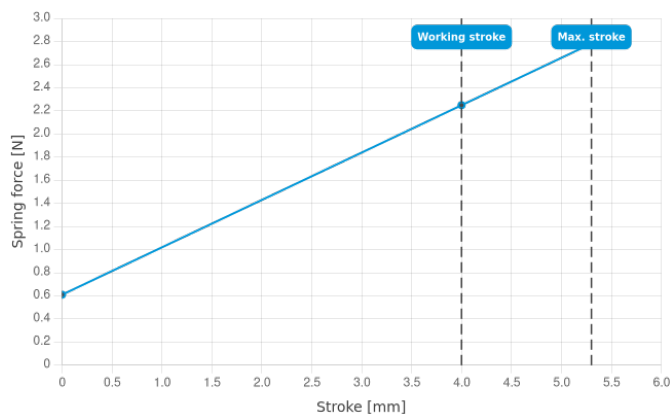
Current load capacity / rated current:
Typical resistance (R_i):

20 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:

32.3 mm [1.27 in]
1.66 mm [0.065 in]
5.3 mm [0.208 in]
0.61 N [2.19 ozf]
02
2.25 N [8.09 ozf]
4 mm [0.157 in]



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