

# Battery contacting probe

## BCP-120 306 230 A 3002

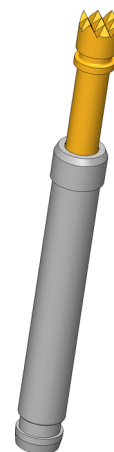
Item BCP-120-0002



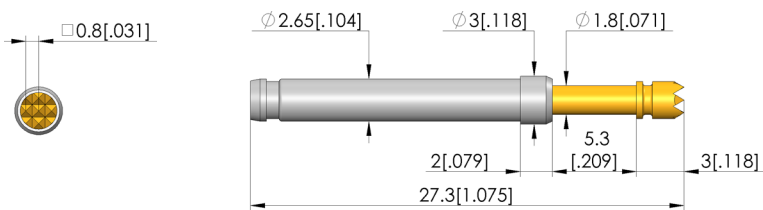
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- Contacting solution for cylindrical cells
- Can be loaded with currents up to 20 A at  $\Delta T \leq 20^\circ\text{K}$
- Low-Ohm probe with  $R_i$  typical:  $< 10 \text{ m}\Omega$
- Developed for a range of applications including pre-charging, 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:  
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]  
Yes  
Plug-in  
Yes  
No  
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 $\Omega$

### 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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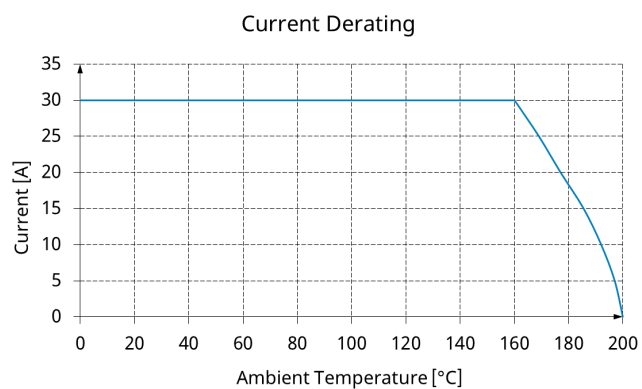
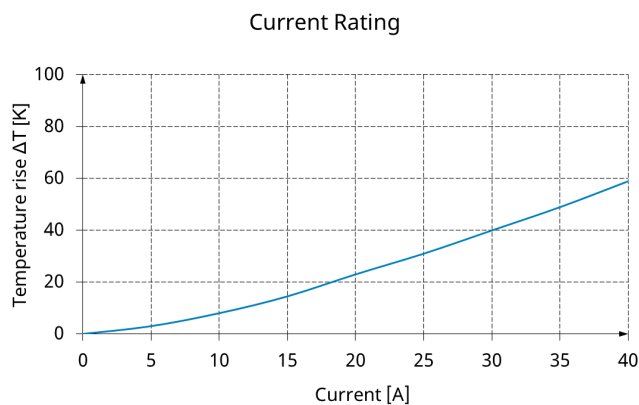
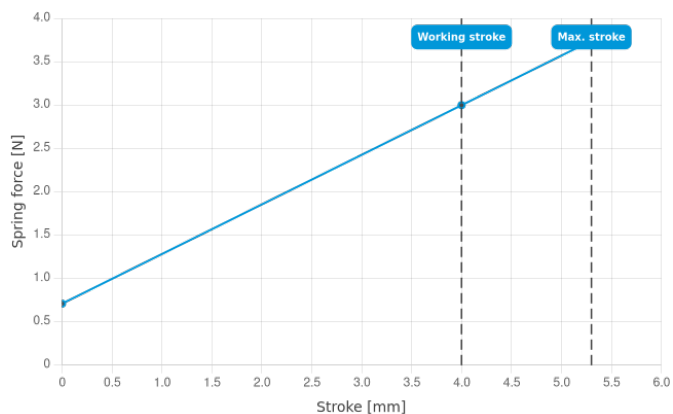
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Item BCP-120-0002



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