

High-current multi-heads BCM-667-0001 C01-08-02

产品 BCM-667-0004



直接访问产品

ingun®

Partner for Future Technology

- 可靠触探电芯
- 采用模块化设计, 可通过成熟可靠的 INGUN 标准产品扩展电流传输
- 可通过中心感应触点监测电压
- 可通过螺栓轻松灵活地安装在板或汇流排上

使用

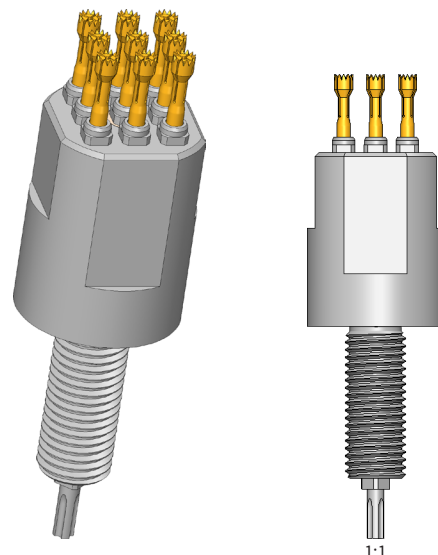
BCM-Series is specially developed for the flexible scalability of high-current contacting. The modular design makes it possible to adapt the product characteristics to the application, and therefore always provide the right product for a high variable range of DUTs, as is the case with the contacting of battery cells.

结构

HCM-Products each consist of a base body and several high-current test probes which create a parallel circuit. The functionality can be additionally extended using a centrally positioned sense contact probe or temperature measurement probe with integrated sense tap.

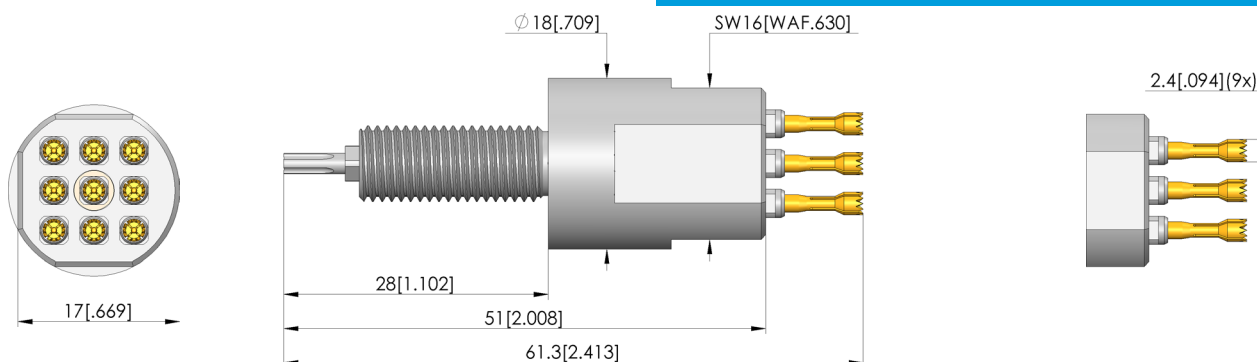
安装

BCM Products can be installed in a corresponding hole on a probe plate using lock nuts or installed directly in a busbar via a corresponding threaded hole. If a BCM Product is installed in a non-conductive plate, for example, the current connection can be made at the threaded bolt via a cable lug. The optional sense contact probe, to be connected to the soldering recess provided, and the temperature sensor are dissipated centrally.



提示:

The base bodies are designed for either five or eight current-transmitting test probes from the BCP-120, BCP-113 and BCP-667 series with various tip styles, which can be freely configured in terms of both quantity and layout. By combining the modular high-current multi-head solution with BCP-667 probes, which were specifically developed for contacting battery cells with oxidised contact surfaces, it is possible to greatly reduce the power losses that occur during cell production.



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一般数据

Screw-in torque max.:	100 cNm
产品组:	标准大电流探针 (旋接式)
子产品组:	标准大电流探针 (旋接式)
结构系列:	
Application rec.:	
栅格:	19 mm
被测器件/触点:	
电磁:	是
安装类型:	可旋入
快速更换系统:	否
探针上的连接类型:	螺纹接口
安装高度, 可调:	否
防扭转:	是
旋入扭矩:	100 cNm
最小温度:	-100 °C
最大温度:	200 °C
RoHS 符合性:	是

针头形状数据

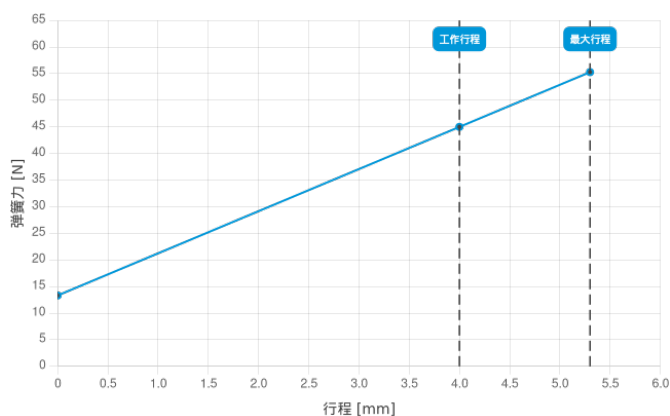
针头形状:	68 型扩张头, 带端面尖端/切割刃
针头直径:	2,4 mm
针头形状 表面:	A 金
针头形状 材料:	3 铍铜

电气数据

载流能力/额定电流:	160 A
铜材额定电流 @ $\Delta T \leq 20$ K:	80 A
铜材额定电流 @ $\Delta T \leq 60$ K:	160 A
铝材额定电流 @ $\Delta T \leq 20$ K:	65 A
铝材额定电流 @ $\Delta T \leq 60$ K:	100 A
电阻 (Ri) 典型值, 活塞上的连接:	1 mOhm

机械数据

总长:	61,3 mm
针管直径:	18 mm
最大行程:	5,3 mm
弹簧预紧力:	13,32 N
工作行程中的弹簧力:	45 N
建议工作行程:	4 mm



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