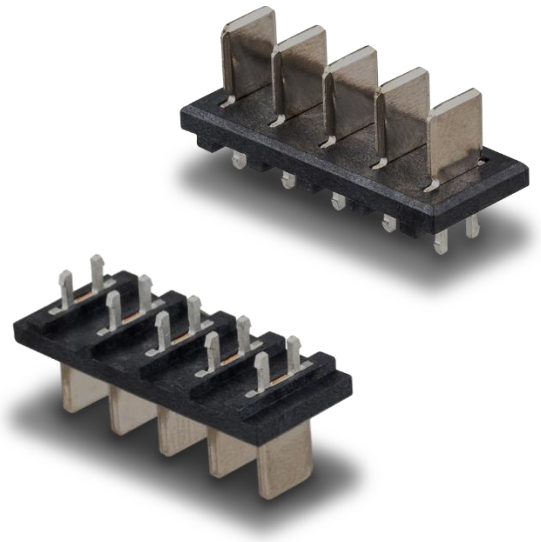
RRC-MC20-180-10

Battery Mating Connector

P/N: 210518



Features:

- Mating connector for standard battery form factors RRC20xx
- 10.00A max. charge or discharge current to battery
- 5-pin male connector
- 5mm pitch
- RoHS and REACH compliant

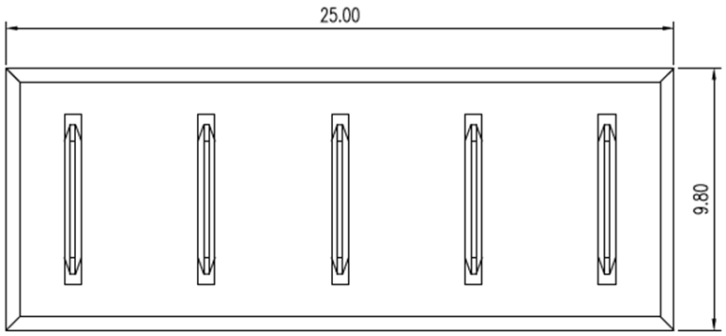
Applications:

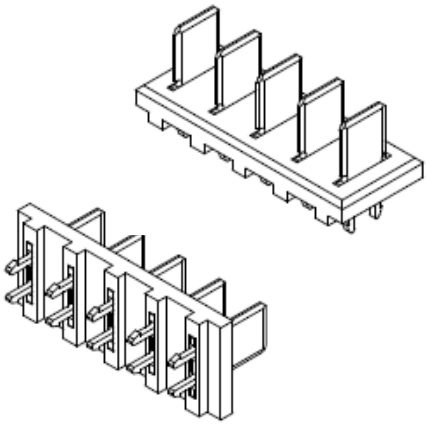
Mating connector for RRC's smart batteries used in medical, industrial and consumer applications

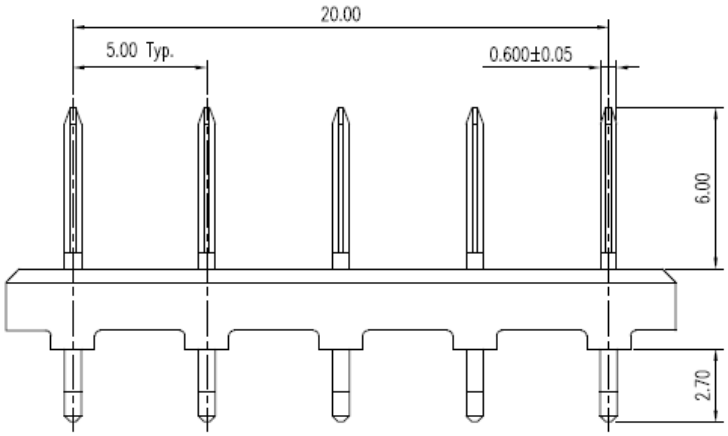
Specification

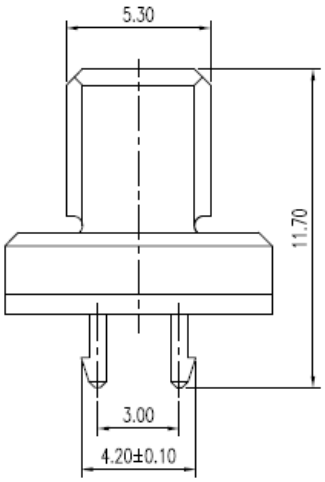
Ratings	
Current	10.00A max. / pin
Voltage	125.00VAC / 1min
Materials	
Housing	Thermoplastic High Temperature, UL 94 V-0, black
Contacts	Copper Alloy
Plating	80µin Nickel on contact area, 100µin Matte-Tin on solder tails
Environmental Condition	
Operating Temperature	-55°C to +105°C
Electrical Requirements	
Contact Resistance	30mOhm max.
Insulation Resistance	100mOhm min. at 500VDC / 2min
Dielectric withstand	500.00V
Mechanical Requirements	
Dimensions (LxWxH)	25mm x 11.70mm x 9.80mm
Weight	Typical 3g
PCB mounting	180°
Contact Retention Force	500g min. / pin
Durability	5000 cycles
Physical Requirements	
Solder Temperature	260°C ± 5°C
Immersion Period	5sec (EIA-364-56C)
Regulatory Approvals	
Green Procurement	RoHS REACH
Packaging	
24 connectors per tube	
110 tubes per carton	

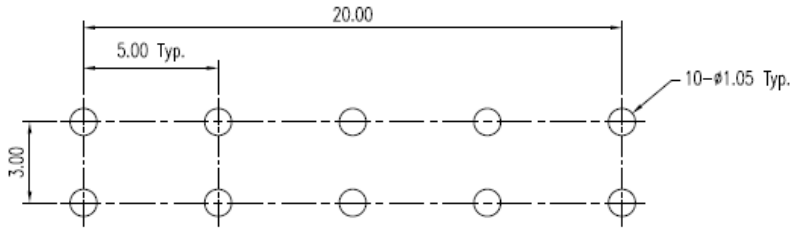
Drawings











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