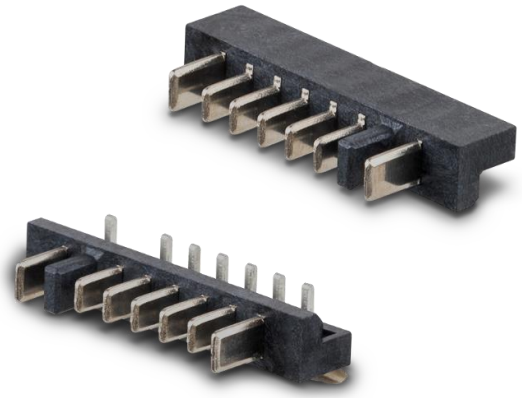
RRC-MC21-90-20

Battery Mating Connector

P/N: 211278



Features:

- Mating connector for standard battery form factors RRC21xx
- 7.00A max. charge or discharge current to battery
- 7-pin male connector
- 2.5mm pitch
- RoHS and REACH compliant

Applications:

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

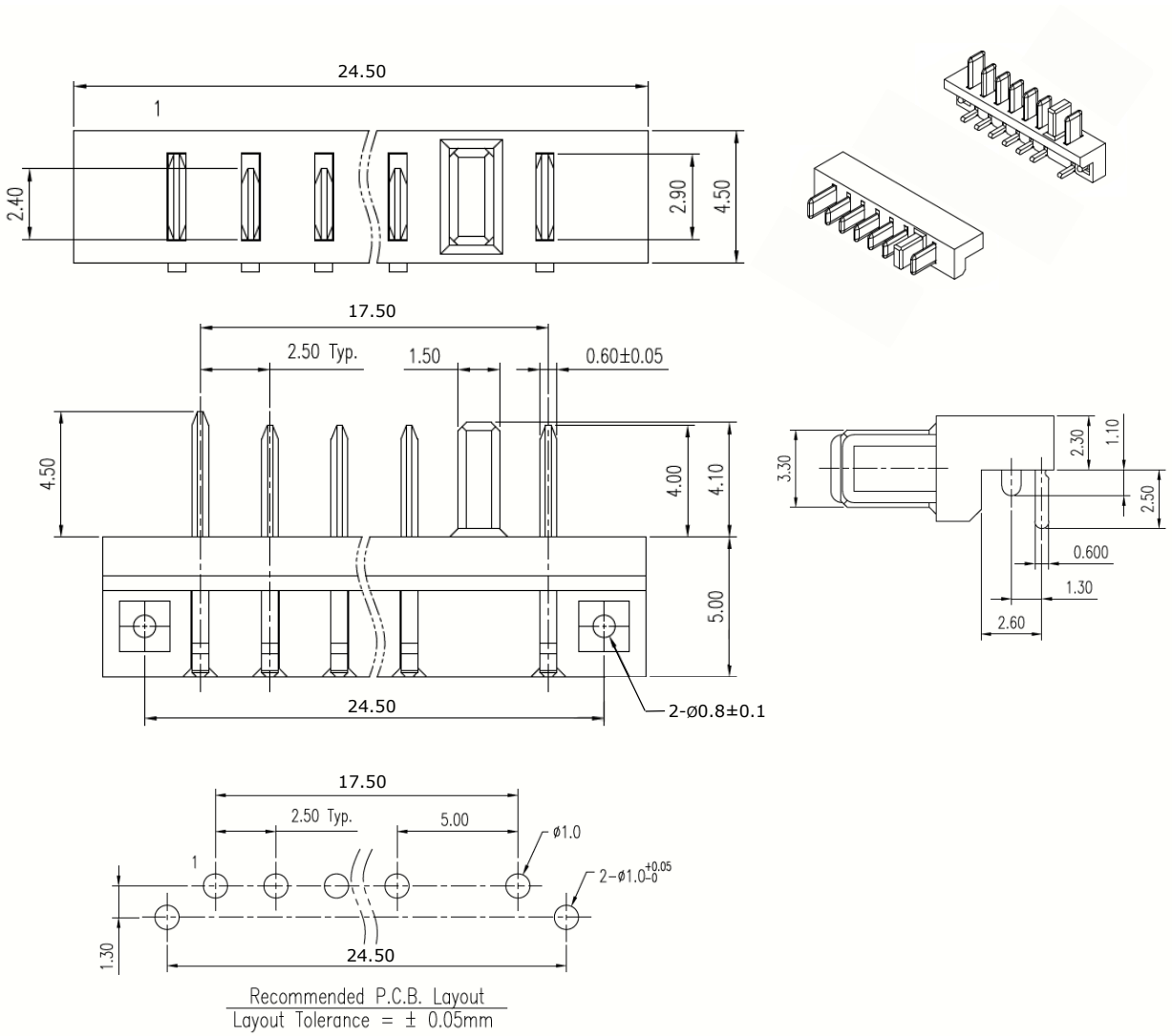
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Specification

Ratings	
Current	7.00A max. / pin
Voltage	30.00VDC
Materials	
Housing	Thermoplastic High Temperature, UL 94 V-0, black
Contacts	Copper Alloy
Plating	50µin Nickel on contact area, 100µin Matte-Tin on solder tails
Environmental Condition	
Operating Temperature	-40°C to +105°C
Electrical Requirements	
Contact Resistance	40mOhm max.
Insulation Resistance	100MOhm min. at 500.00VDC / 1min
Dielectric withstand	500.00VAC / 1min
Mechanical Requirements	
Dimensions (LxWxH)	24.50mm x 9.50mm x 4.50mm
Weight	Typical 1g
PCB mounting	90° PCB edge mounting
Contact Retention Force	300g min. / pin
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	
200 tubes per carton	

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Drawings



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