

RRC-MC21-90-10

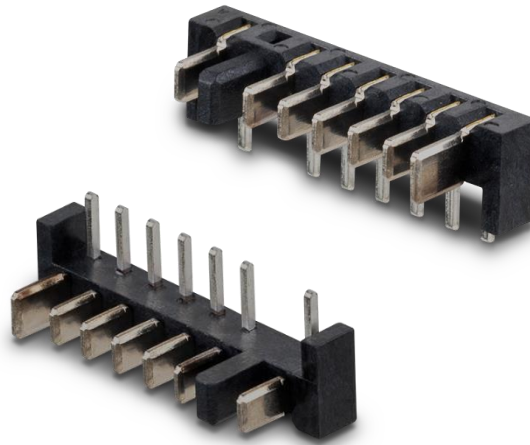
Battery Mating Connector

P/N: 211268

Distributed by:



www.texim-europe.com



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

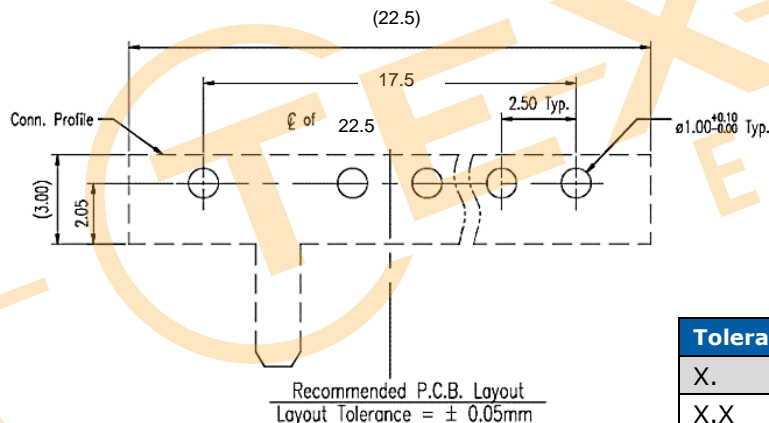
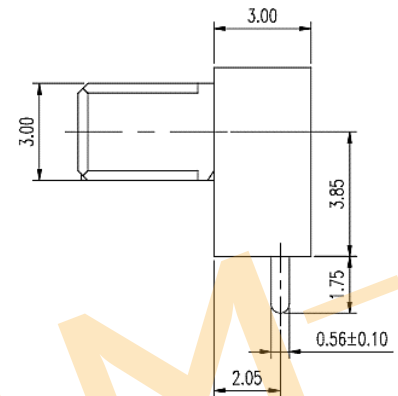
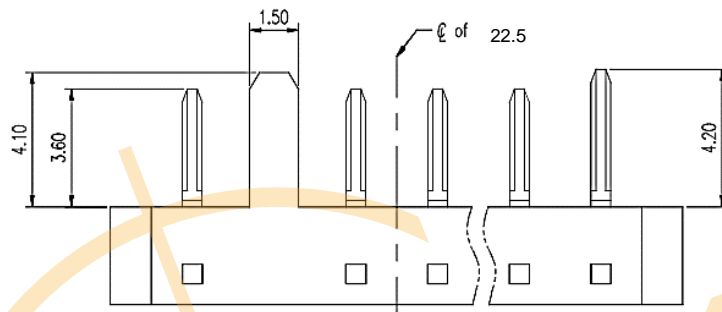
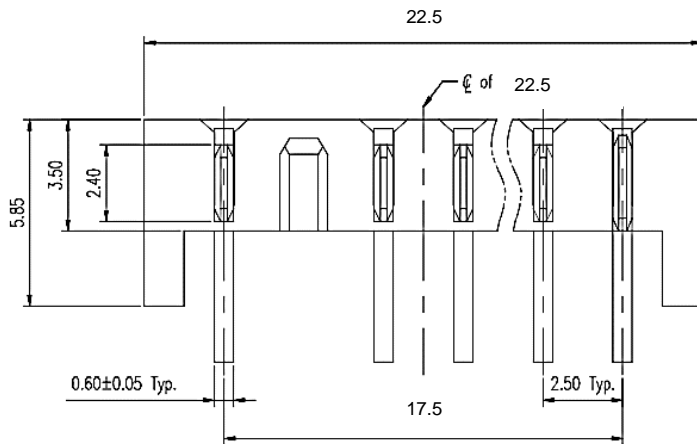
Applications:

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

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 500VDC / 1min
Dielectric withstand	500.00VAC / 1min
Mechanical Requirements	
Dimensions (LxWxH)	22.50mm x 7.20mm x 5.85mm
Weight	Typical 1g
PCB mounting	90°
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	
27 connectors per tube	
168 tubes per carton	

Drawings



All dimensions in mm.

Tolerance (unless otherwise specified)	
X.	X.° ± 10°
X.X ± 0.38	X.X° ± 5°
X.XX ± 0.25	X.XX° ± 2°
X.XXX ± 0.13	X.XXX°

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All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.





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