

### RRC-MC11-90-2

#### Battery Mating Connector

P/N: 210520

Distributed by:



[www.texim-europe.com](http://www.texim-europe.com)



#### Features:

- Mating connector for standard battery form factors RRC11xx
- 3.00A max. charge or discharge current to battery
- 4-pin male spring pin connector
- 2.5mm pitch
- RoHS and REACH compliant

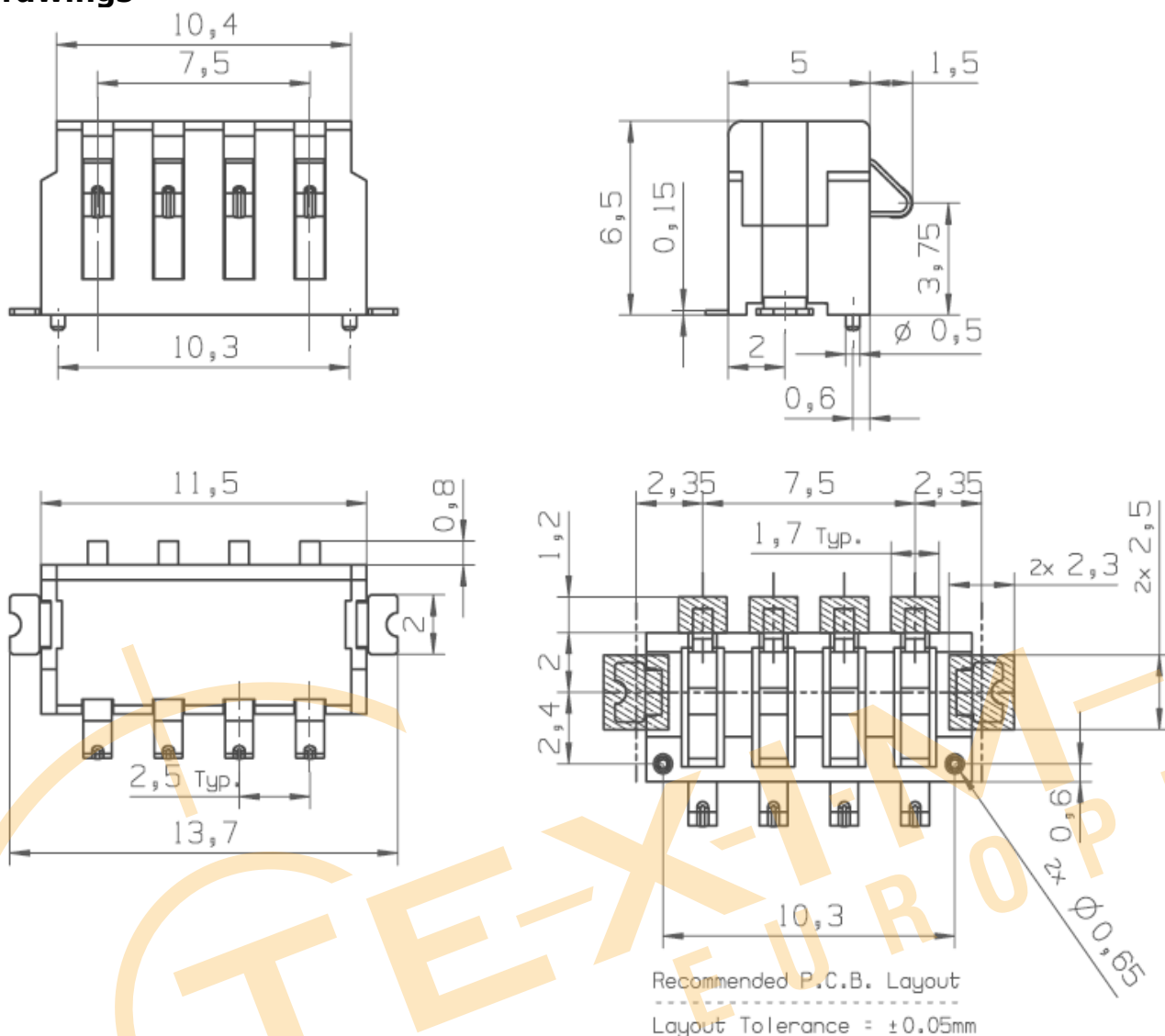
#### Applications:

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

## Specification

Ratings	
Current	3.00A max. / pin
Voltage	12.00VDC
Materials	
Housing	Thermoplastic High Temperature, UL 94 V-0, black
Contacts	Copper Alloy
Plating	G/F on contact area, G/F on solder tails
Environmental Condition	
Operating Temperature	-40°C to +105°C
Electrical Requirements	
Contact Resistance	40mOhm max.
Insulation Resistance	1000MOhm min. @ 500VDC / 2min
Dielectric withstand	No breakdown @ 500V RMS
Mechanical Requirements	
Dimensions (LxWxH)	11.5mm x 5.0mm x 6.5mm
Weight	<1g
PCB mounting	SMT 90°
Contact Retention Force	300gf min. / pin
Physical Requirements	
Solder Temperature	260°C ± 5°C
Immersion Period	5sec (EIA-364-56C)
Regulatory Approvals	
Green Procurement	RoHS REACH
Packaging	
700 connectors per reel	
7 reels per carton	

## Drawings



Tolerance (unless otherwise specified)			
X.	± 0.30	X.°	± 10°
X.X	± 0.20	X.X°	± 5°
X.XX	± 0.15	X.XX°	± 2°

All dimensions in mm.

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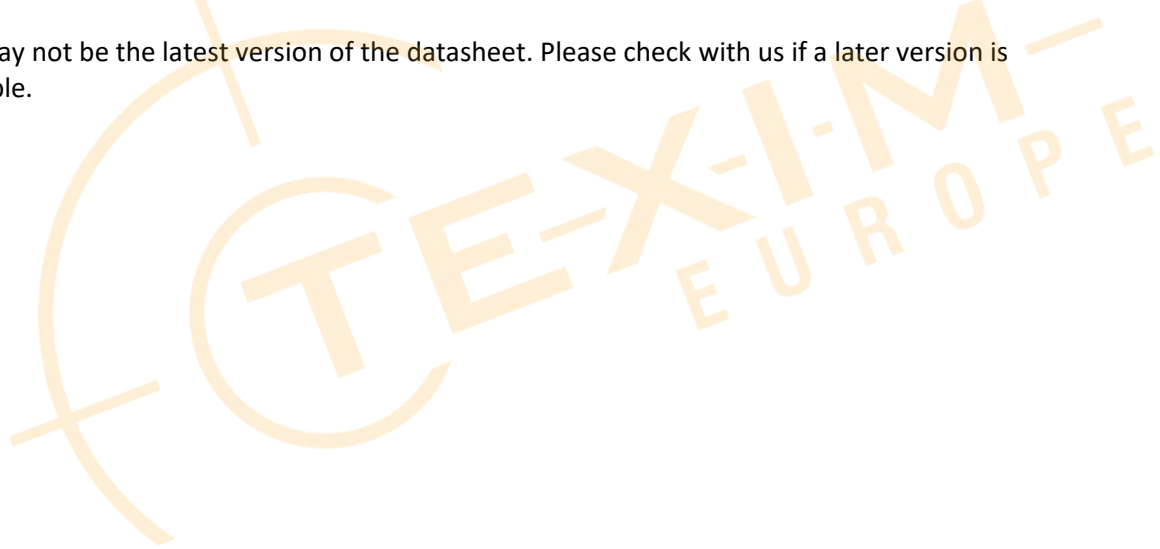
It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.

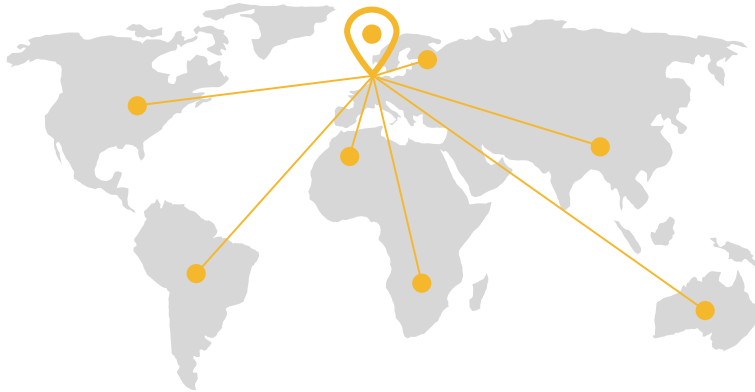
Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

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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