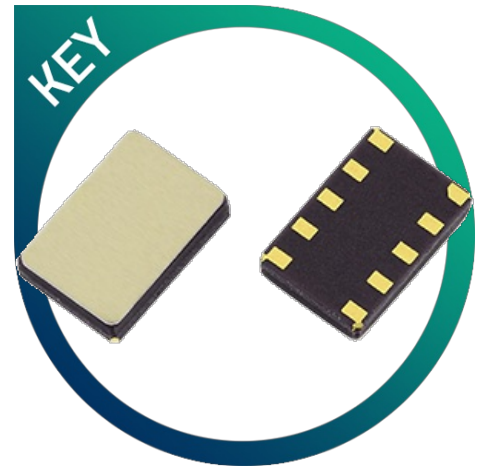


# RV-1805-C3

## RTC I<sup>2</sup>C Bus Low Power

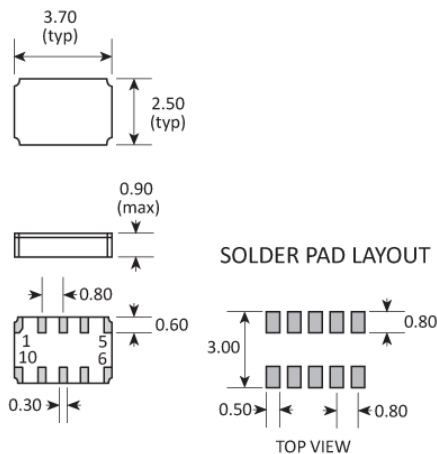
- Extremely low current consumption
- Miniature package with integrated crystal
- Trickle charger, power management & switch
- Backup battery input (internal switchover)
- AEC-Q200 compliant option



### CONFIGURABLE OPTIONS

Parameter	Option Code
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### PACKAGE DRAWING



PAD	CONNECTION	PAD	CONNECTION
1	Supply (VDD)	6	Ground (VSS)
2	Capacitor RC-oscillator	7	Backup supply voltage
3	Clock/Interrupt (CLK/ $\overline{\text{INT}}$ )	8	Power switch output (PSW)
4	Serial clock input (SCL)	9	Watchdog input (WDI)
5	Serial data (SDA)	10	Reset output ( $\overline{\text{RST}}$ )

Dimensions in mm

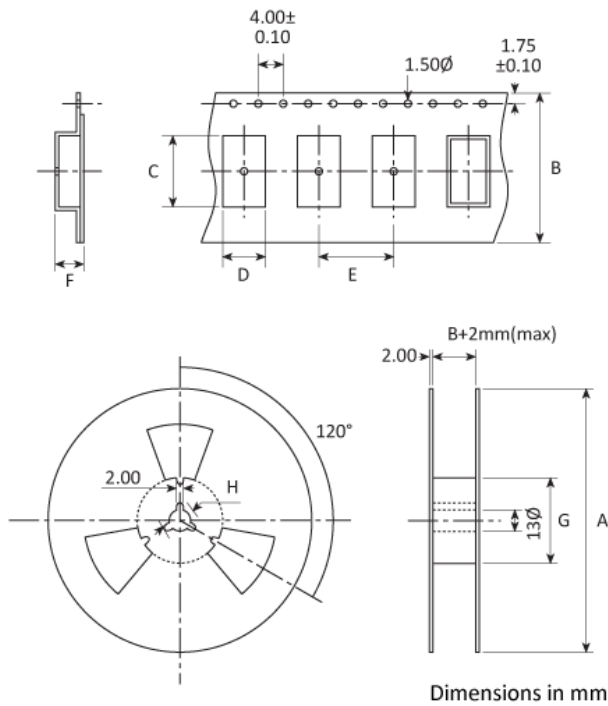
### ORDERING INFORMATION

To request a quotation for the RV1805C3 please use the configurable options form to choose the options you require and then submit your configured product to our team. Our expert advisers are always happy to help with your requirements and can be contacted on +44 1460 256 100 or at [sales@golledge.com](mailto:sales@golledge.com).

Following product selection you will be issued with a seven character Golledge part number. Your Golledge part number is the internationally accepted Golledge manufacturing part number (MPN) that should be used for all project documentation, including bills of materials (BoMs) and purchase orders.

If you have any queries regarding any of our documentation our dedicated sales team will be happy to help.

## TAPE & REEL SPECIFICATION



A:178° B:12 C:4 D:2.7 E:4 F:1 G:80 H:21

\*Larger reel size available. Please ask for details

## HANDLING & STORAGE



Human Body Model (HBM) 1A (250V to < 500V)



Moisture Sensitivity Level (MSL): 1

## CONSTRUCTION

Ceramic package

## MATERIAL COMPOSITION



Lead-free (< 0.1% by weight)



Product is RoHS 2 compliant

## OTHER INFORMATION

### About Golledge

We are the UK's leading supplier of frequency control products and are proud to serve the global electronics industry. Our philosophy is a focus firmly on your requirements by striving to meet and exceed your needs. We do this by ensuring the utmost quality and consistency in our products and services. If you have any queries about the Golledge service or any of our products please get in touch, we'd love to hear from you.

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Our customer feedback is testament to our quality; "Never had such good service as this from anyone in 35 years of being in the industry, this is impressive and has really helped us out of a corner to keep the design flowing" Andy (Senior Design Engineer), "As always your support is state of the art" Nicoleta (Material Management), "Legendary work - as usual it has to be said" John (Operations).  
To take advantage of our highly praised service get in touch with us today.