



3.7V	70mAh	Lilon	0.259Wh
------	-------	-------	---------

Lithium Ion Micro Battery for Bluetooth and Wireless Applications

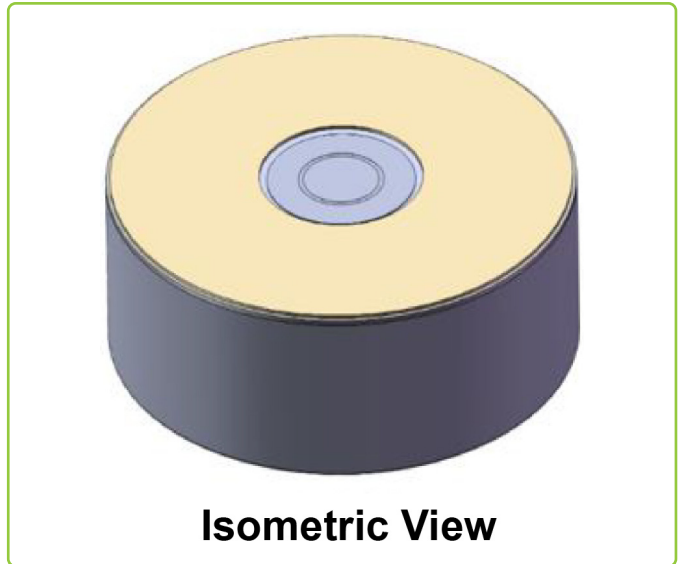
FEATURES

The GRP1254 is a high-quality rechargeable lithium ion battery cell that features low self-discharge, reliable signal transmission at high pulse loads, an extended shelf life and a fast charge capability.

Furthermore, the GRP1254 meets the safety, reliability, size and weight requirements of a broad spectrum of applications, including stereo Bluetooth headsets, notebook bridging, wearable monitoring devices, wireless sensor networks, and medical and healthcare equipment.

SPECIFICATIONS

Model No.	GRP1254
Nominal Capacity	70 mAh
Watt-hour rating	259 mWh
Chemistry	Lithium Ion (Lilon)
Cell	CP1254
Configuration	1S
Max Charge Current	210 mA (3C)
Continuous Discharge Current	35 mA (0.5C)
Max Discharge Current	140mA (2C)
Max Charging Voltage	4.2 V
Internal Resistance	≤ 180 mΩ
Indicator	NA
Operating Temperature	
Charge Mode	10~45°C
Discharge Mode	-20~60°C
Storage Mode	-20~35°C
Humidity Range	≤ 75% RH
Cycle Life	≥ 500 cycles

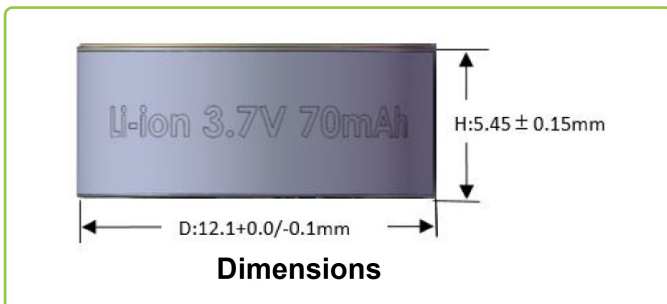


Isometric View



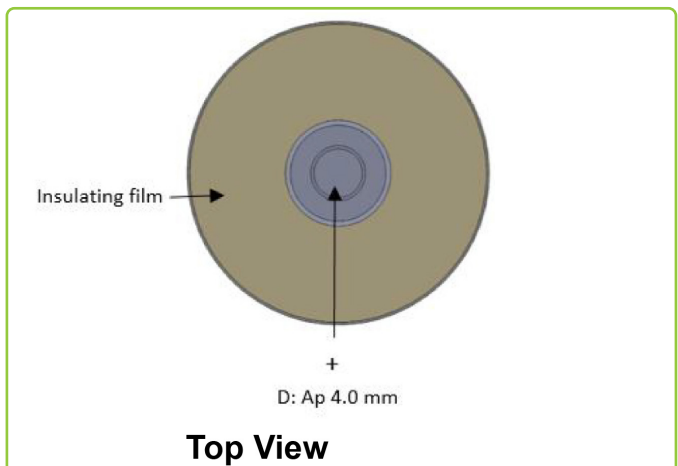
Bottom View

DIMENSIONS



Dimensions

Diameter	12.1 ± 0.1 mm
Height	5.45 ± 0.15 mm
Weight	1.7 ± 0.15 g



Top View

All specifications are correct at time of creation. All specifications and operation conditions contained in this datasheet are subject to change or improvement without prior notice to the user. This data is for evaluation purposes only. No guarantee is intended or implied by this data. For clarification and updated information, please contact us.