

LT-GDM-02-G3

Ground-Detecting Module

Product Specifications

SPEC. NO. : SZ22101202
DATE : 2022/11/7
REV. : A/1

Approved By:


Checked By:

Prepared By:

DIMENSIONS OF DRAWING



Notes:

1. All dimensions are in millimeters.
2. Tolerances are $\pm 0.50\text{mm}$ unless otherwise noted.
3. 
4. Specifications are subject to change without notice.

Features

Pb free product—RoHS compliant

Fast response time

High sensitivity

Invisible wavelength =940nm

Integration structure

The four pins of the connector and the corresponding PCB pads are filled with silicone

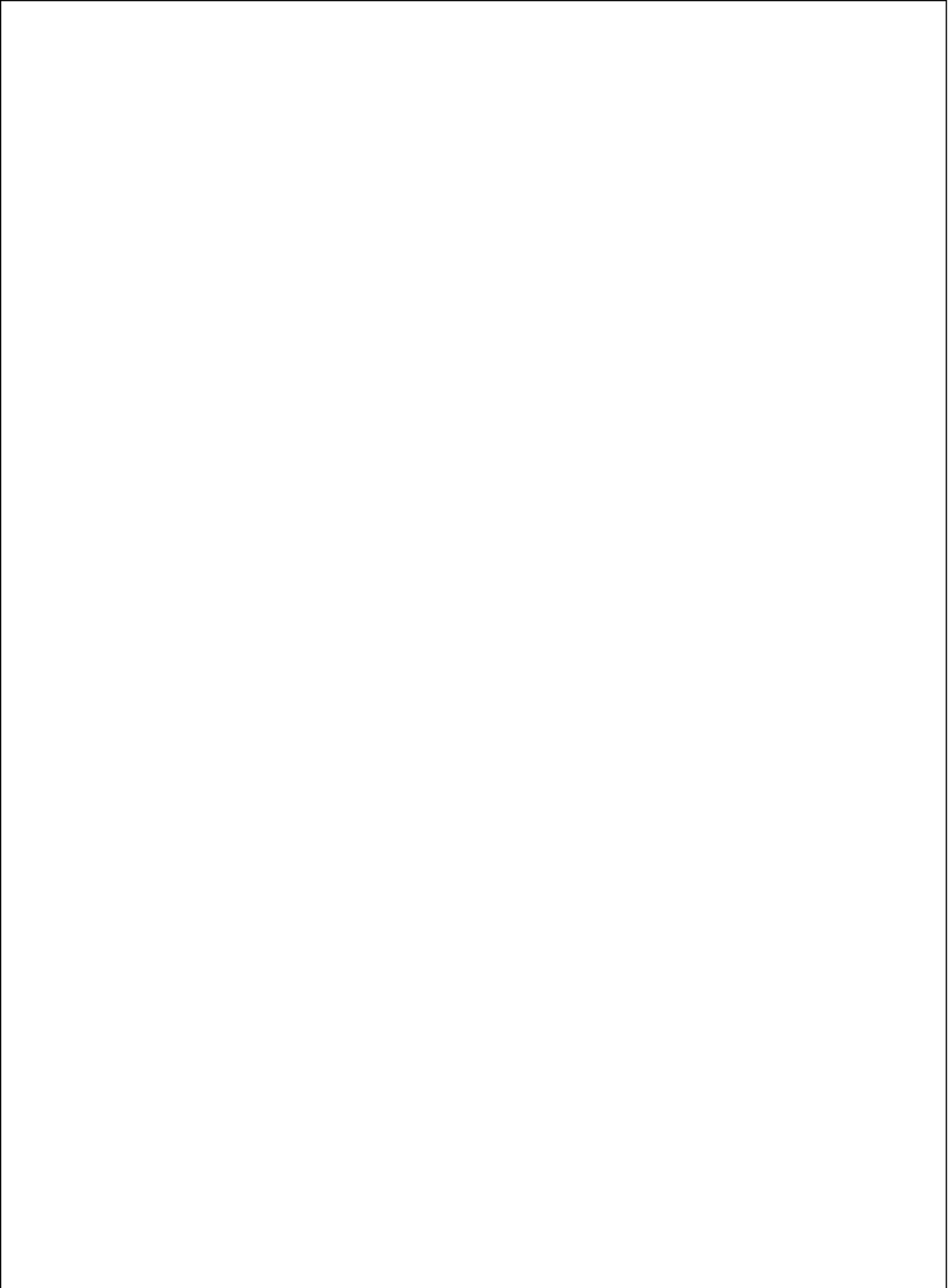
Typical Applications

Intelligent Sweeping Robot

Absolute Maximum Ratings at Ta=25

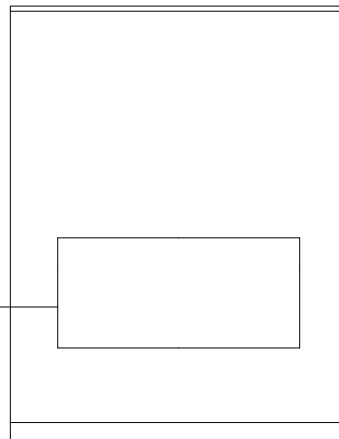
Parameter		Symbol	Ratings	Unit
Input	Power Dissipation	Pd	170	mW
	Reverse Voltage	V _R	5	V
	Forward Current	I _F	100	mA
	Peak Forward Current ^{*1}	I _{FP}	250	mA
Output	Collector Power Dissipation	Pc	75	mW
	Collector Current	I _C	20	mA
	Collector-Emitter Voltage	V _{CEO}	30	V
	Emitter-Collector Voltage	V _{ECO}	5	V
Electrostatic Discharge (HBM)		ESD	4000	V
Operating Temperature Range		T _{opr}	-25 to + 65	
Storage Temperature Range		T _{stg}	-40 to + 85	

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PACKAGE

 深圳莱特光电股份有限公司 Light Electronics CO., LTD.		
TYPE NO. :	_____	 LOT NO. : _____
QUANTITY :	_____	
BIN :	_____	
DATE CODE :	_____	
REMARKS :	_____	



Bag

Bag volume (pcs / Bag)	Outer Carton volume (Bag / Carton)
30	18