

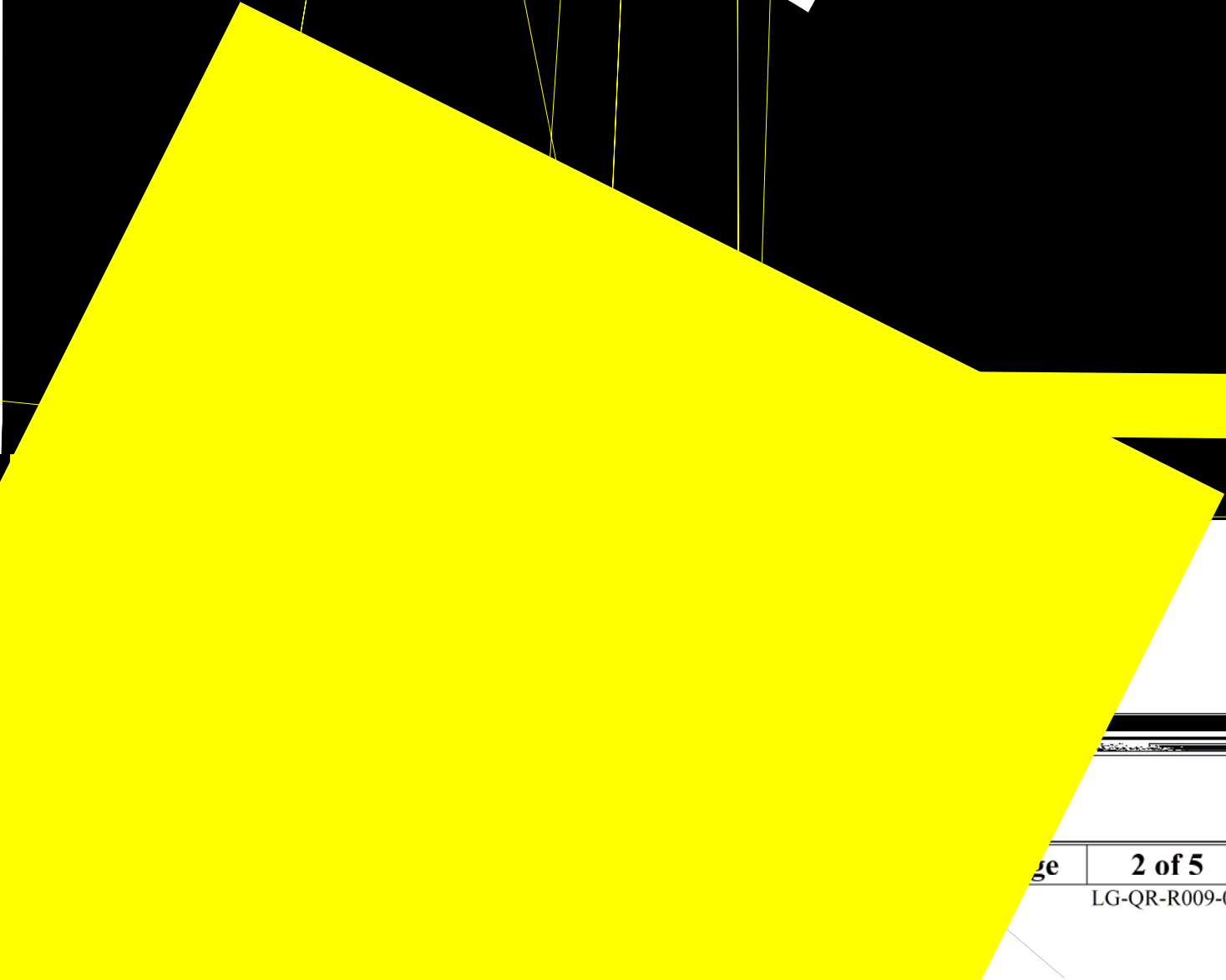
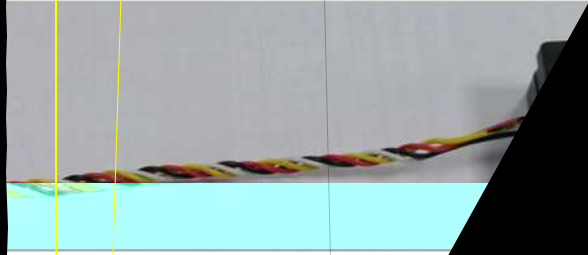
Ground-Detecting Module Product Specifications

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

Approved By:

Checked By:

Prepared By:



Pb free product—RoHS compliant

Fast response time

High sensitivity

Invisible wavelength $\lambda=940\text{nm}$

Integration structure

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

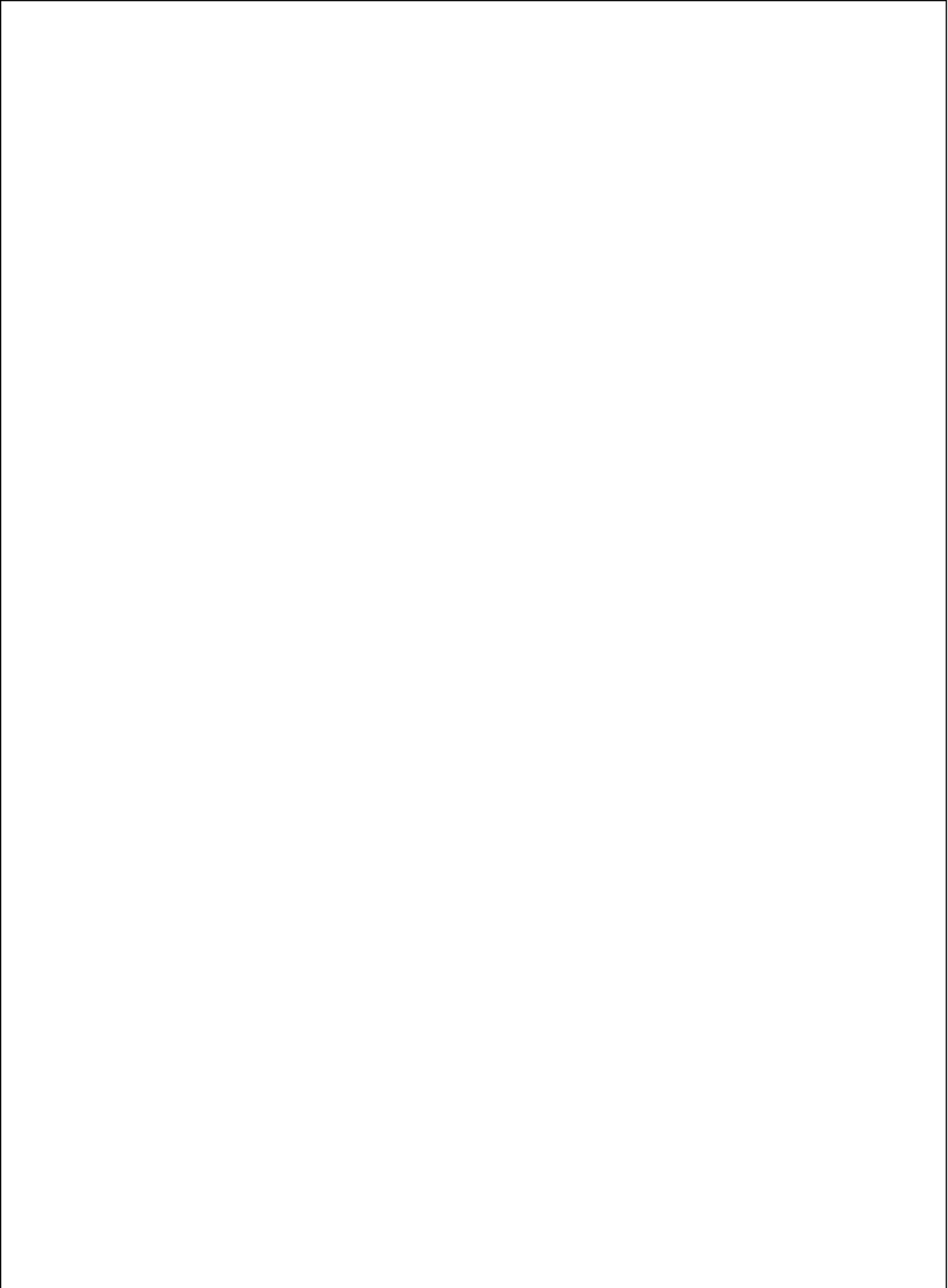
Intelligent Sweeping Robot

Parameter		Symbol	Ratings	Unit
Input	Power Dissipation	P_d	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	P_c	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	

Note: 1. Pulse width 0.1msec, duty cycle 1/2

LI

LIGHT ELECTRONICS CO., LTD.



--	--	--	--

LIGHT	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 :	_____	

