

Ground-Detecting Module

Product Specifications

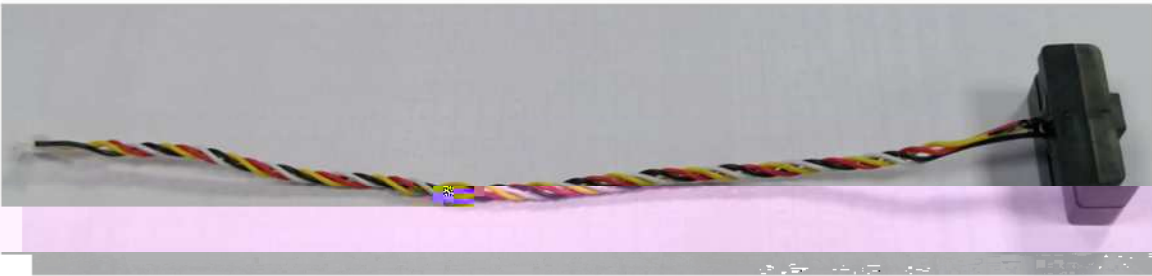
SPEC. NO. : SZ22101202
DATE : 2022/11/7
REV. : A/1

Approved By:

Checked By:

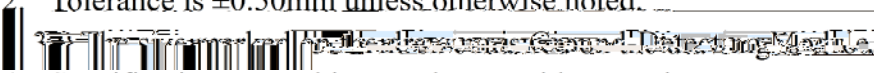
Prepared By:

PARAMETERS OF PRODUCT



Notes:

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



Pb free product—RoHS compliant

Fast response time

High sensitivity

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

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	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	

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

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LIGHT

深圳莱特光电股份有限公司
Light Electronics CO., LTD.

RoHS

TYPE NO. : _____

QUANTITY: _____

BIN: _____

DATE CODE: _____

REMARKS: _____

LOT NO. :



