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Sales & Marketing Group -Electronic Components & Devices IR DETECTING UNIT FOR REMOTE CONTROLS

Model GP1UX50QS series

Popular Type IR Detecting Unit for Remote Controls

Features

- Holderless shape
- Compact package
- Screen type that eliminates electromagnetic induction noise(Double mold)

Outline Dimensions



Line-up of IR Detecting Units for Remote Controls



Notice:

In the absence of confirmation by device specification sheets, SHARP takes no responsibility for any defects that may occur in equipment using any SHARP devices shown in catalogs, data books, etc. Contact SHARP in order to obtain the latest device specification sheets before using any SHARP devices.
Specifications, model names and availabilities are subject to change without notice for improvement.

Specifications

			(Ta=25 °C, Vcc=+5 V)
Parameter		Symbol	Characteristics
Supply voltage		Vcc	4.5 to 5.5 V
Dissipation current		lcc	MAX. 1.5 mA
Output voltage	HIGH level	Vон	MIN. Vcc-0.5 V
	LOW level	Vol	MAX. 0.45 V
Detection distance		L	MIN. 8 m
Operating temperature		Topr	-10 to +70 °C
BPF center frequency		fo	*See the table below.

Model	
GP1UX50QS	
GP1UX500QS	
GP1UX501QS	
GP1UX502QS	