

IrDA TRANSCEIVER MODULE

Stanley’s opto-wireless transceiver modules are compatible with IrDA standard. They consist of all of the devices necessary for wireless transmission, such as infrared LED, PIN photo-diode, driver, amplifier, and wave shape rectifier.

IrDA Modules

■ Characteristics

Ta=25℃

Shape	Part No.	IrDA Standard	Supported Data Rate	Operating Distance	Operating Voltage Vcc	Current Consumption TYP	Current Consumption in Standby	Peak LED Current	Operating Temp.	fig.
	HRM230S	IrDA Ver1.1	9.6k ~ 4M	0 ~ 100	3.0 ~ 5.5	3.4	1 MAX	400	-10 ~ +70	1
	HRM1200L	IrDA Ver1.2 Low Power Option	2.4k ~ 115.2k	0 ~ 30	2.7 ~ 3.6	0.095	0.2 MAX	35	-30 ~ +85	2
	HRM1800	IrDA Ver1.2 Low Power Option	2.4k ~ 115.2k	0 ~ 30	2.7 ~ 3.6	0.095	0.2 MAX	35	-30 ~ +85	3
Unit			bps	cm	V	mA	μA	mA	℃	

❖ All above products contain no lead

■ Package Dimensions

unit: mm

