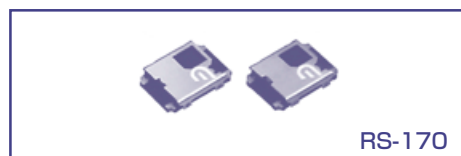


RS-140



RS-150



RS-170



RS-180

RS-170シリーズ/RS-170 Series

要光中心
Center of photo-diode

OUT

Vcc

GND

1.4

5.2

5.2

0.1

7.6

1.35

1.0

R0.5

0.1

単位/Unit : mm

单位/Unit : mm

特徴／Features

1. The RS-100 series have excellent light and noise resistance as compared to the existing product.
2. The RS-170 series, which are extremely small and thin models, provide top surface and bottom surface mounting availability.
3. The RS-180 series with lens provide excellent sensing distance characteristics.

TV, VCR, audio equipment, air conditioner,
automotive equipment, camera etc.

項目/Item	記号/Symbol	定格値/Rating	単位/Unit
電源電圧/Power supply voltage	V	6	V
動作温度範囲/Operating temperature range	T _{OP}	-30~+85	℃
保存温度範囲/Storage temperature range	T _{ST}	-40~+90	℃

項目 Item	記号 Symbol	推奨動作範囲 Recommended Operating Voltage	単位 Unit
電源圧力/Power voltage	V _{CC}	4.5~5.5	V

シリーズ Series	特徴 Feature	搬送周波数 / Carrier frequency			仕様 / Specifications	
		40KHz	38KHz	36.7KHz	フォトダイオードサイズ Size of photo-diode	到達距離 Reaching distance
RS-140シリーズ RS-140 Series	汎用 For general purpose	RS-140	RS-141	RS-142	□2mm (レンズ付) (with lens)	5m以上 5 meters min.
RS-150シリーズ RS-150 Series	側面受光用 For side-mounted receiver	RS-150	RS-151	RS-152	□2mm	5m以上 5 meters min.
RS-170シリーズ RS-170 Series	超薄型 Ultra thin	RS-170	RS-171	RS-172	□2mm	5m以上 5 meters min.
RS-180シリーズ RS-180 Series	超小型 Ultra small	RS-180	RS-181	RS-182	□2mm (レンズ付) (with lens)	5m以上 5 meters min.

[illegible]

