

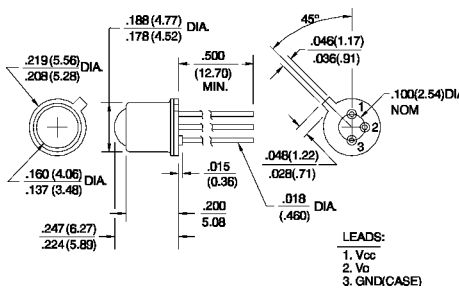
Photoelectric Schmitt receiver tube

Encapsulation form	model	Output type	output logic	supply voltage		Conduction radiation threshold @ V _{cc} =5V		Receiving Angle	output rise time (ns)	output descend time (ns)	highest clock frequency (KHz)	High level output voltage or current
				least value	crest value	Minimum value (mW/cm ²)	Maximum value (mW/cm ²)					
				(V)	(V)							
<p>TO-46, spherical lens</p>	SD5600-001	10KΩ pull-up resistor	buffer	4.5	16		2.5	6	60	15	100	2.4V
	SD5610-001	10KΩ pull-up resistor	opposition	4.5	16		2.5	6	60	15	100	2.4V
	SD5620-001	10KΩ pull-up resistor	buffer	4.5	16		0.25	6	60	15	100	2.4V
	SD5620-002	10KΩ pull-up resistor	buffer	4.5	16		0.13	6	60	15	100	2.4V
	SD5630-001	10KΩ pull-up resistor	opposition	4.5	16		0.25	6	60	15	100	2.4V
	SD5630-002	10KΩ pull-up resistor	opposition	4.5	16		0.13	6	60	15	100	2.4V
<p>Side receiving plastic sealing</p>	SDP8004-301	push-pull	buffer	4.5	7	0.06	0.37	55	70	70	100	2.4V
	SDP8014-301	push-pull	opposition	4.5	7	0.06	0.37	55	70	70	100	2.4V
	SDP8304-301	Cathode open circuit	buffer	4.5	12	0.06	0.37	55	70	70	100	100uA
	SDP8014-301	Electrode open circuit	opposition	4.5	12	0.06	0.37	55	70	70	100	100uA
	SDP8604-301	10KΩ pull-up resistor	buffer	4.5	12	0.06	0.37	55	70	70	100	2.4V
	SDP8614-301	10KΩ pull-up resistor	opposition	4.5	12	0.06	0.37	55	70	70	100	2.4V
<p>Side receiving plastic sealing</p>	SDP8371-001	Cathode open circuit	buffer	4.0	15	Typical value of work point 62 uW/cm ² Typical value of release point 55uW/cm ²		180	200	200	30	1.0uA
<p>Side receiving plastic sealing</p>	SDP8600-001	10KΩ pull-up resistor	buffer	4.5	12		2.5	55	60	15	100	2.4V
	SDP8601-001	10KΩ pull-up resistor	buffer	4.5	12		2.5	55	60	15	100	2.4V
	SDP8602-001	10KΩ pull-up resistor	buffer	4.5	12		2.5	55	60	15	100	2.4V
	SDP8610-011	10KΩ pull-up resistor	opposition	4.5	12		2.5	55	60	15	100	2.4V
	SDP8611-011	10KΩ pull-up resistor	opposition	4.5	12		2.5	55	60	15	100	2.4V
	SDP8612-011	10KΩ pull-up resistor	opposition	4.5	12		2.5	55	60	15	100	2.4V
	SDP8600-002	10KΩ pull-up resistor	buffer	4.5	12		1.2	55	60	15	100	2.4V
	SDP8601-002	10KΩ pull-up resistor	buffer	4.5	12		1.2	55	60	15	100	2.4V
	SDP8602-002	10KΩ pull-up resistor	buffer	4.5	12		1.2	55	60	15	100	2.4V
	SDP8610-002	10KΩ pull-up resistor	opposition	4.5	12		1.2	55	60	15	100	2.4V
	SDP8611-002	10KΩ pull-up resistor	opposition	4.5	12		1.2	55	60	15	100	2.4V
	SDP8612-002	10KΩ pull-up resistor	opposition	4.5	12		1.2	55	60	15	100	2.4V
	SDP8600-003	10KΩ pull-up resistor	buffer	4.5	12		0.6	55	60	15	100	2.4V
	SDP8601-003	10KΩ pull-up resistor	buffer	4.5	12		0.6	55	60	15	100	2.4V
	SDP8602-003	10KΩ pull-up resistor	buffer	4.5	12		0.6	55	60	15	100	2.4V
	SDP8610-003	10KΩ pull-up resistor	opposition	4.5	12		0.6	55	60	15	100	2.4V
	SDP8611-003	10KΩ pull-up resistor	opposition	4.5	12		0.6	55	60	15	100	2.4V
	SDP8612-003	10KΩ pull-up resistor	opposition	4.5	12		0.6	55	60	15	100	2.4V

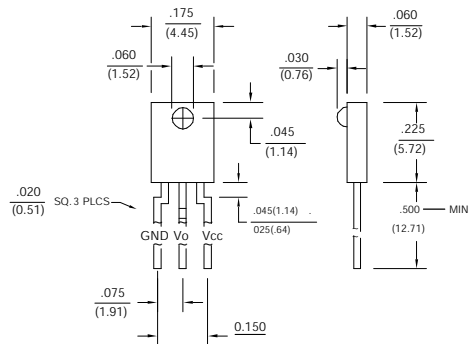
Note: Hysteresis is defined as the difference between the working threshold and the release threshold light intensity, expressed as a percentage of the working threshold light intensity.

Encapsulation physical dimensions

All sizes are in inches (millimeters)



SD5600/5610/5620/5630



SDP8004/8014/8304/8314/8604/8614

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