

N E C ELECTRONICS INC

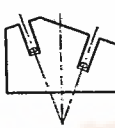
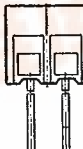
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OPTOELECTRONIC DEVICES

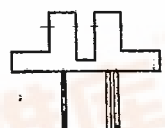
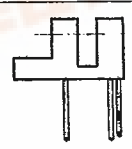
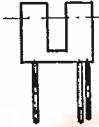
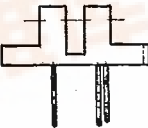
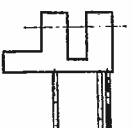
NEC

T-41-73

Photo Interrupters (cont.)
Transistor Output Type (cont.)

Part Number	Outline	Characteristics ($T_a = 25^\circ\text{C}$)			Features
		CTR (%)	I_F	V_{CE}	
PS6001A		100 (μA) to	≈ 30 speculum reflecting surface	5	Photo Reflective Sensor Single Tr. 4 pin
PS6002		400 (μA) Typ.	10 white reflecting surface	2	Photo Reflective Sensor Single Tr. High sensitivity 4 pin

IC Output Type

Part Number	Outline	Characteristics ($T_a = 25^\circ\text{C}$)		Features
		I_{FLH} (mA)	V_{CC} (V)	
PS5001HC		to 5	5 $R_L = 280 \Omega$	Built-in Schmitt Trigger circuit Active "HIGH" Open collector output Aperture: 0.5 mm slit (equivalent to 0.5 mm $\square$) 5 pin
PS5002HC		to 5	5 $R_L = 280 \Omega$	Built-in Schmitt Trigger circuit Active "HIGH" Open collector output Aperture: 0.5 mm slit (equivalent to 0.5 mm $\square$) 5 pin
PS5003HC		to 5	5 $R_L = 280 \Omega$	Built-in Schmitt Trigger circuit Active "HIGH" Open collector output Aperture: 0.5 mm slit (equivalent to 0.5 mm $\square$) 5 pin
PS5001HR		to 5	5	Built-in Schmitt Trigger circuit Active "HIGH" Built-in pull up resistor Aperture: 0.5 mm slit (equivalent to 0.5 mm $\square$) 5 pin
PS5002HR		to 5	5	Built-in Schmitt Trigger circuit Active "HIGH" Built-in pull up resistor Aperture: 0.5 mm slit (equivalent to 0.5 mm $\square$) 5 pin