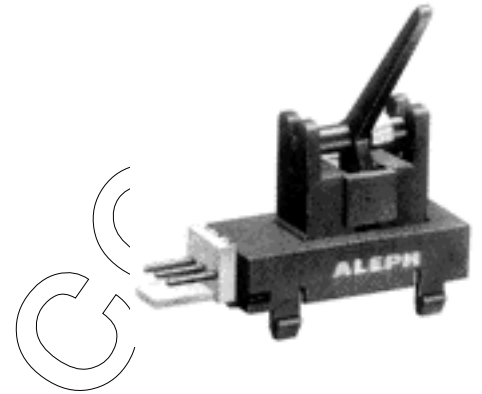


OS-5802-2

Actuator Type Opto Sensor



- Photo transistor output
- Internal current limiting resistor for 5VDC supply voltage
- Snap action mount

MAXIMUM RATINGS (Ta=25°C)

Item	Symbol	Value
Supply Voltage	VCC	6V
Output Voltage	VOUT	30V
Output Current	IOUT	50mA
Output Power Dissipation	POUT	75mW

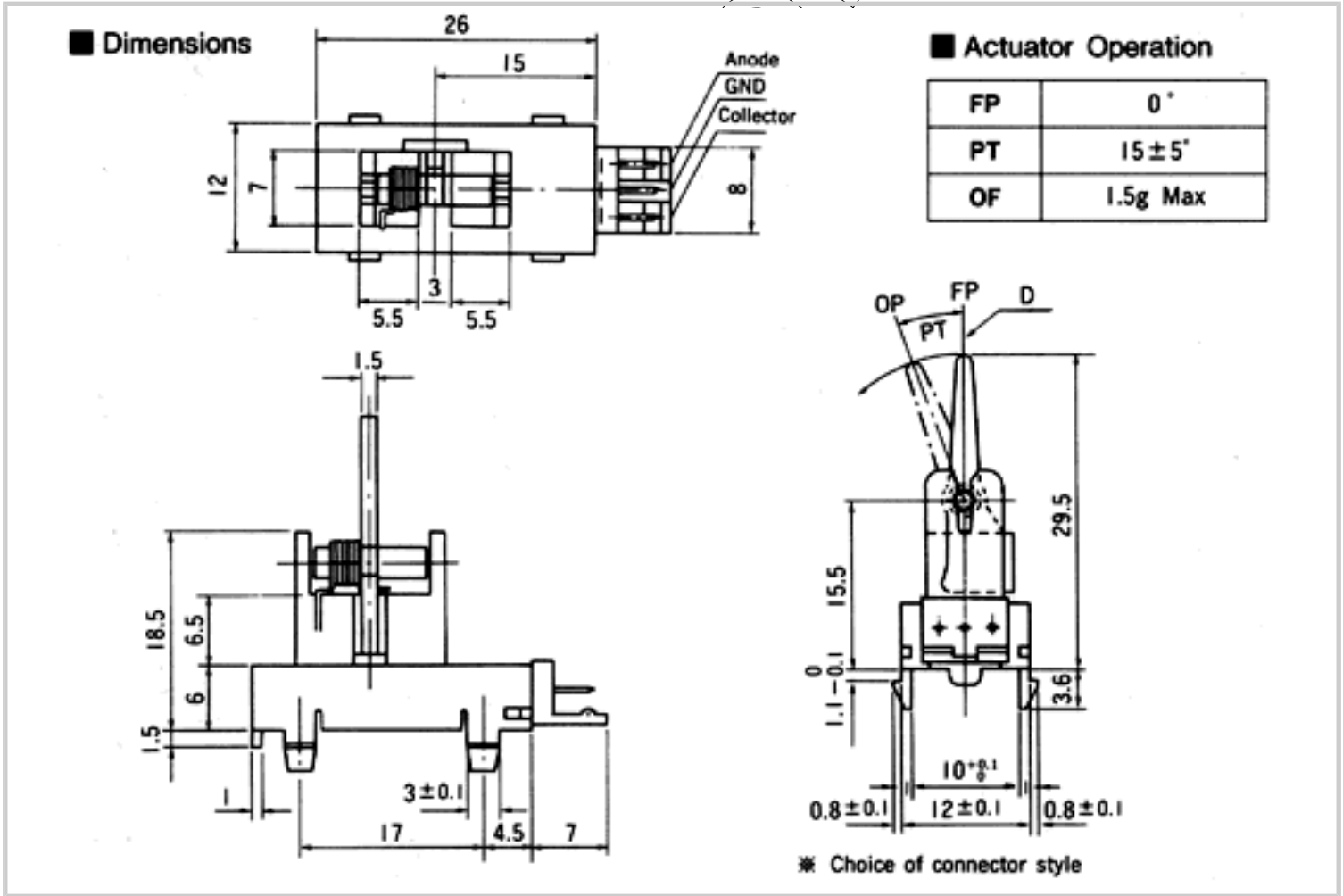
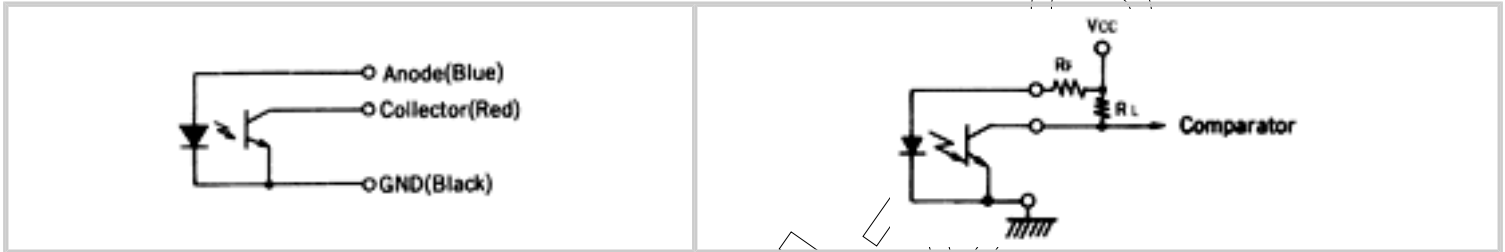
ELECTRICAL CHARACTERISTICS (Ta=25°C)

Opto Path	Item	Symbol	Conditions	Min	Typ	Max	Unit
Open with actuator operated	Collector Current	IC	VCC=5V	2.0	5.0	-	mA
	Current Consumption	ICC	VCC=5V RL=4.7K ohms	-	-	25	mA
Blocked with actuator released	Collector Leak Current	ICP	VCC=5V	-	-	50	μA
	Current Consumption	ICC	VCC=5V RL=4.7K ohms	-	-	25	mA

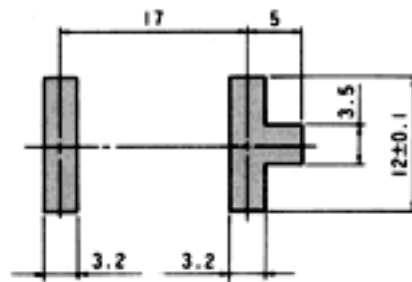
MECHANICAL CHARACTERISTICS

Item	Limits
Operating Force	1.5g Max
Resistance to Vibration	10~55Hz, 1.5mm
Resistance to Shock	30G
Mechanical Life	10 ⁶
Operating Temp.	-20° ~ +75°C
Storage Temp.	-25° ~ +90°C
Mounting Plate Thickness	1 ± 0.05mm

Schematic/Typical Circuit



PCB Locating Hole



Dimensions in mm
(1 mm = 0.0394 inches)

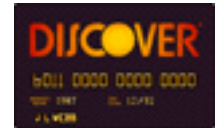
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