

# LG - 413

The LG-413D actuator type photointerrupter combined GaAs IRED, high sensitive photo IC and actuator, is ideal for copiers, facsimiles.

LG - 413L : High level output at shielding

LG - 413D : Low level output at shielding

**FEATURES**

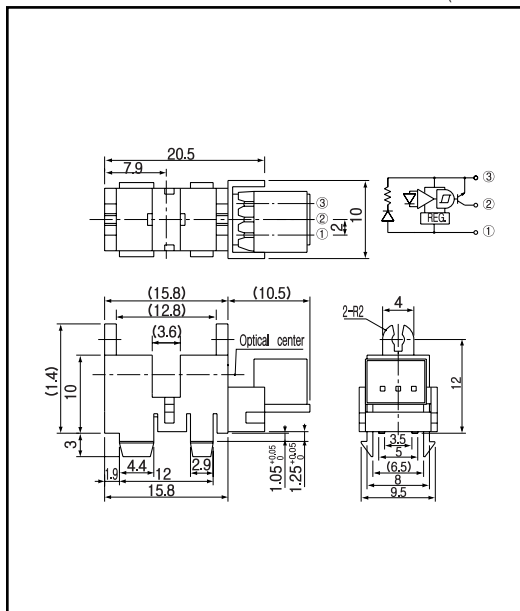
- Connector type AMP( JAPAN )Ltd.
- With folder for lever installation
- Snap-in mount

**APPLICATIONS**

- Copiers
- Facsimiles
- Printing machines
- Printers

**DIMENSIONS**

(Unit : mm)



**MAXIMUM RATINGS**

(Ta=25 )

Item	Symbol	Rating	Unit
Supply voltage	V <sub>CC</sub>	8	V
Output voltage	V <sub>OUT</sub>	16	V
Low level output current	I <sub>OL</sub>	16	mA
Power dissipation	P	100	mW
Operating temp. <sup>*1*2</sup>	T <sub>opr.</sub>	- 20 ~ + 75	
Storage temp. <sup>*1*2</sup>	T <sub>stg</sub>	- 40 ~ + 85	

\*1. The connector shall be inserted or pulled out at normal temperature.

\*2. No icebound or dew

**ELECTRO-OPTICAL CHARACTERISTICS**

(Ta=25 )

Item	Symbol	Conditions	Min.	Typ.	Max.	Unit.
Operating supply voltage rang	V <sub>CC</sub>		4.5		5.5	V
Low level output voltage	V <sub>OL</sub>	V <sub>CC</sub> = 5V, I <sub>OL</sub> = 16mA, (Shading)			0.4	V
High level output voltage	V <sub>OH</sub>	V <sub>CC</sub> = 5V, R = 10k <sub>Ω</sub> , (Non- shading)	4.5			V
Current consumption	I <sub>CC</sub>	V <sub>CC</sub> = 5V			35	mA

