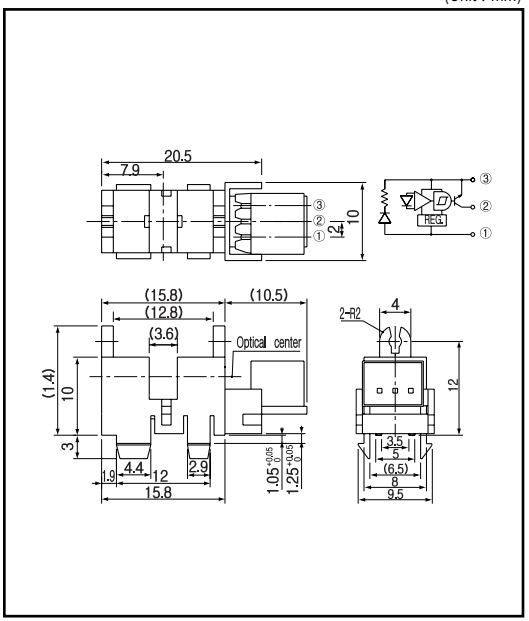
LG 413

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

DIMENSIONS (Unit : mm)



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

APPLICATIONS
- Copiers
- Facsimiles
- Printing machines
- Printers

MAXIMUM RATINGS (Ta=25℃)

Item	Symbol	Rating	Unit
Supply voltage	V_{CC}	8	V
Output voltage	V_{OUT}	16	V
Low level output current	I_{OL}	16	mA
Power dissipation	P	100	mW
Operating temp.*1 *2	Topr.	- 20~ + 75	℃
Storage temp.*1 *2	Tstg	- 40~ + 85	℃

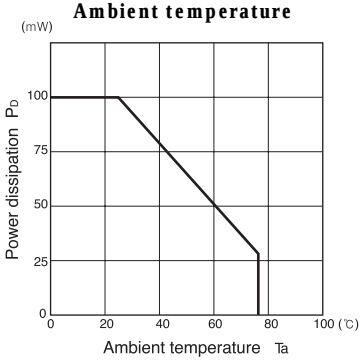
*1. The connector shall be inserted or pulled out at normal temperature.
*2. No icebound or dew

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25℃)

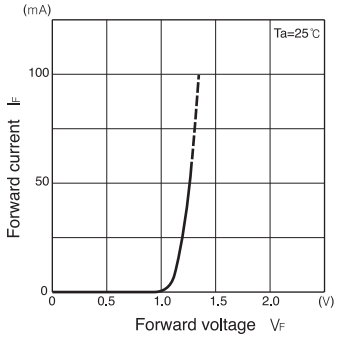
Item	Symbol	Conditions	Min.	Typ.	Max.	Unit.
Operating supply voltage rang	V_{CC}		4.5		5.5	V
Low level output voltage	V_{OL}	V_{CC} =5V,I_{OL} =16mA,(Shading)			0.4	V
High level output voltage	V_{OH}	V_{CC} =5V,R_L =10k Ω,(Non– shading)	4.5			V
Current consumption	I_{CC}	V_{CC} =5V			35	mA

LG 413

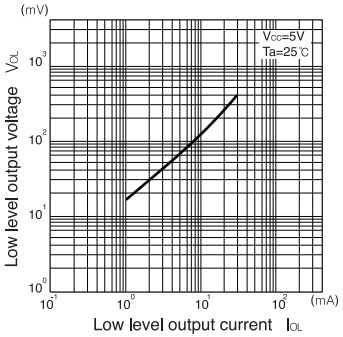
Power dissipation Vs. Ambient temperature



Forward current Vs. Forward voltage



Low level output voltage Vs. Low level output cuttent



Low level output voltage Vs. Ambient temperature

