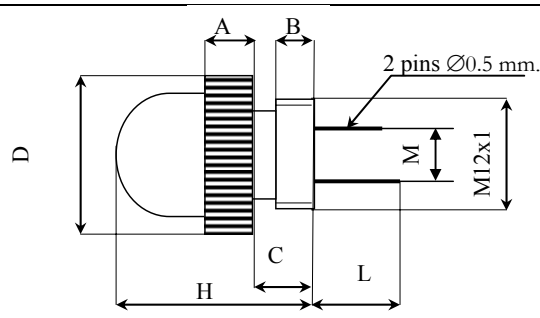


LED type			IRS2f-870-3
#	Parameter at 25° C	unit	Ratings
1	CW current	mA	400
2	Pulse current ($\tau = 10 \mu\text{s}$, $Q > 100$)	mA	8000
3	Response time	ns	30-40
4	Power consumption	mW	900
5	Storage temperature	°C	0.....+40
6	Operating temperatures	°C	-20.....60
7	Thermal resistance p-n junction/header	K/W	30
8	Wavelength	nm	850-890
9	FWHM	nm	40
10	Forward bias (400 mA)	V	1.8-2.0
11	Beam divergence $2\Theta_{0.5}$	deg.	3
12	Output power (300 mA)	mW	45
13	Reverse current (CW, 10V)	μA	<100

	Dimension	Ratings, mm
	A	6
	B	4.9
	C	7
	D	16
	H	23.5
	L	8
	M1	6.5
	M2	5

10.04.2013