

ZBD-LM-638-700M-PD01



■ Parameters

Wavelength	638±5nm
Optical Power	Min: 600mW, Typ: 700mW
Divergence angle ($\theta_x \cdot \theta_y$)	1.8×0.9 mrad
Exit Beam Spot (x · y)	4.5×4mm
Power Supply	DC 12V 1A
Working Condition	CW
Power Stability	≤5%
Modulation	0-5V PWM, $f \leq 30$ kHz
Operating Temperature	0~30℃
Storage Temperature	-40~85℃

■ Beam Divergence

Far-Field spot/mm				Angle/°		Milliradians/Mrad	
Distance L=50M		Distance L=10M					
X-axis	Y-axis	X-axis	Y-axis	X-axis	Y-axis	X-axis	Y-axis
90	45	18	9	0.103	0.052	1.8	0.9

■ Outline Dimensions (unit : mm)

