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450nm-4.5W-Module Specifications

TL-450-C45360



Version		Released Date
V1.0		Oct. 2024

Shanghai Tulin Optoelectronic Technology Co., Ltd.

Specifications (COS Inside) :

Product Parameters(Tc=25°C)					
Items	Symbol	Min	Typ	Max	Unit
Output Power	P_o	/	4.5	/	W
Center Wavelength	λ_c	/	447	/	nm
Electro-optical conversion efficiency	PE	/	33	/	%
Operating Current	I_{op}	/	3	/	A
Operating Voltage	V_{op}	/	4.6	/	V
Slope efficiency	η	/	1.7	/	W/A
Core Diameter	D	/	105	/	μm
NA	/	/	0.22	/	/
Connector	/	/	SMA905	/	/
Fiber Length	L	/	Customizable	/	/
Operating Temperature	T_{op}	-20	/	70	°C
Storage Temperature	T_{st}	-40	/	85	°C
Soldering Temperature	T_{is}	/	/	260	°C
Soldering Time	t	/	/	10	sec

Dimensions (mm):

