

850nm LED



Features

850nm LED

Built-into back-lit monitor

Low threshold current

High stability

Coaxial packages with MM fiber

Applications

Fiber-optic communication

Fiber-optic sensors

Instruments & Equipment

Specifications

Parameter	Sympol	Test Condition	Min.	Typ.	Max.	Unit
Output Power	P _{out}	I _{op} =60mA	10	--	30	uW
Central Wavelength	λ	CW	840	850	880	nm
Spectral width	$\Delta \lambda$	CW	--	50	120	nm
Working Current	I _{op}	CW	--	10	--	mA
Working Voltage	V _{op}	CW	--	1.7	1.9	V
Rising/Fall Time	Tr/Tf	CW	--	5	7	ns

Absolute Maximum Ratings

Parameter	Sympol	Value	Unit
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Forward Current	I_F	80	mA
Reverse Voltage	V_R	2	V
Operating Temp.	T_{op}	-20~+65	°C
Storage Temp.	T_{ST}	-40~+85	°C
Down-lead Jointing Temp./Time	--	240/10	°C/S

Pin Definition

1. LED (+)	2. ---
3. LED (-)	4. ---

