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Specifications(25°C)		Symbol	Unit			
				Minimum	Typical	Maximum
Parameter ⁽¹⁾	CW Output Power	P_o	W	8	-	-
	Threshold current	I_{th}	A	-	1	-
	Operating current	I_{op}	A	-	-	5.5
	Operating voltage	V_{op}	V	-	-	4
	Reverse Voltage	V_{re}	V	-	5	-
	Slope Efficiency	η	W/A	-	2	-
	Electrical-to-Optical Efficiency	PE	%	-	45	-
	Center wavelength	λ_c	nm	790	-	796
	Spectral width(FWHM)	δ_λ	nm	-	3	
	Back reflection wavelength Range	λ	nm	1900	-	2100
	Back reflection isolation	-	dB	-	30	-
	Wavelength Shift with Temperature	-	nm/°C	-	0.3	-
	Light within 0.15NA	-	%	-	90	-
Fiber Date	Buffer diameter	D_{buf}	μm	-	250	-
	Cladding diameter	D_{clad}	μm	-	125	-
	Core diameter	D_{core}	μm	-	105	-
	Numeric aperture	NA	-	-	0.22	-
	Fiber length ⁽²⁾	l_f	m	-	1	-
	Fiber Bend Radius	-	mm	60	-	-
Others	ESD	V_{esd}	V	-	-	500
	Storage temperature	T_{stg}	°C	-20	-	70
	Lead Soldering Temp	T_{is}	°C	-	-	260
	Lead Soldering Time	t	sec	-	-	10
	Operating case temperature ⁽³⁾	T_{op}	°C	15	-	35
	Relative Humidity	RH	%	15	-	75