



产品描述

- 该产品为长距离高速光发射模块
- 发端采用DFB激光器
- 芯片信息: LD: 据客户要求
- 产品结构备注: LC/PC 插芯套组件, 机加工/粉末件结构, 带隔离器

产品应用

- 远程通讯

双纤 LC TOSA(高速长距, 带隔离器)

产品特点

- 采用激光焊接方案
- 高光学隔离
- 工作温度: 0°C~75°C
- 插拔式 LC TOSA

产品标准

- 符合 Telcordia GR - 468 可靠性测试标准
- 符合 RoHS 6 项 标准
- 符合 ROHS(对有害物质的限制)标准
- 符合 GR - 326 连接器合格标准

1. Absolute Maximum Ratings

Item	Symbol	Unit	Min	Max	Note
Storage Temperature	TSTG	°C	-40	+85	
Operating Temperature (ambient)	TOPR	°C	0	+75	
Lead Soldering Temperature (Max10 sec)	TS	°C	---	260	
Reverse Voltage(LD)	VRL	V	---	2	
Reverse Voltage(MPD)	VRD	V	---	15	
Photodiode Forward Current(MPD)	IFD	mA	---	10	
Forward Current (LD)	IFLD	mA	---	150	
Reverse Voltage (LD)	VRLD	V	---	2	

2. Transmitter Electro-Optical Characteristics (TC=25°C, CW)

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Threshold Current	I_{TH}	TC=25°C	---	--	15	mA
		TC= 0~75°C,	---	--	45	
Forward Voltage	VF	PF=PF (Min), TC =25°C	---	---	1.5	V
Optical Output power	Pf	CW, @ITH+20mA, 25°C	1.2	---	3.5	mW
		依据客户需求				
Optical Output powe	Pf	CW, @ITH+20mA,0~75°C	0.7	---	---	mW
Center Wavelength	λ_C	CW, TC=0~75°C, TX;1310nm	1290	1310	1330	nm
		依据客户需求				
Optical Return Loss	RL		---	---	12	dB
Monitor Current	IM	CW,Pf=lth+20mA, VRMPD=1.5V, Tc=25C,	100	---	1000	uA
Tracking Error	$\Delta Pf/Pf$	0~75°C, CW, Pf (lth+20mA)@IM hold	-1.5	---	+1.5	dB

3. Dimension Outline

