

Fiber Pigtailed Photodiode

Model #: FPD

Description: Fiber pigtailed photodiode

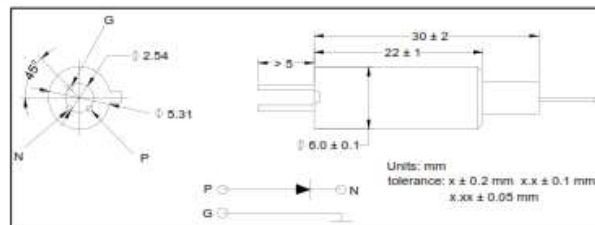
Application: test and measurement, optical network monitoring, ADOM

Specifications:

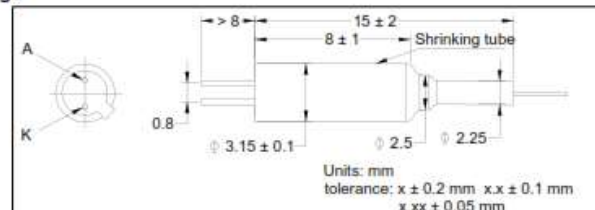
Parameter	Unit	Specifications	
Central Wavelength (λ_c)	nm	1310	1550
Operating Wavelength Range (λ_{op})	nm	$\lambda_c \pm 50$	
Min. Responsivity	A/W	0.75	0.8
Dark Current (70°C, -5V bias)	0.5 G bandwidth	8	
	2.0 G bandwidth	2	
Min. Return Loss	dB	45	
Max. Soldering Temperature (over 2 mm from head, less than 5 seconds)	°C	260	
Operating Temperature	°C	0 to +70	
Storage Temperature	°C	-40 to +85	
Fiber Type		SMF-28 fiber	

Note: each connector may contribute extra 0.3 dB IL, 5 dB lower RL.

TO-46 package



Mini Size Package



Ordering Information:

FPTF-AA-BB-C-D-E-F

AA: wavelength	BB: bandwidth	C: connector type	D: fiber jacket	E: fiber length	F: package type
55 - 1550	05 - 0.5 G	1 - FC/UPC	B - 250 μ m bare fiber	1 - 1.0 m	1 - TO-46 package
31 - 1310	20 - 2.0 G	2 - FC/APC	L - 900 μ m loss tube	X - other	2 - mini size package
		3 - SC/UPC	T - 900 μ m tight buffer		
		4 - SC/APC			
		N - none			
		X - other			