■ PIN PHOTO DIODE

PP403



■ Absolute Maximum Rating

Ta = 25°C

Part No.	Power Dissipation Pd	Reverse Voltage V_R	Operating Temperature Topr	Storage Temperature Tstg
PP403	75	30	-30~+85	-30~+100
Units	mW	V	°C	°C

■ Electro-Optical Characteristics

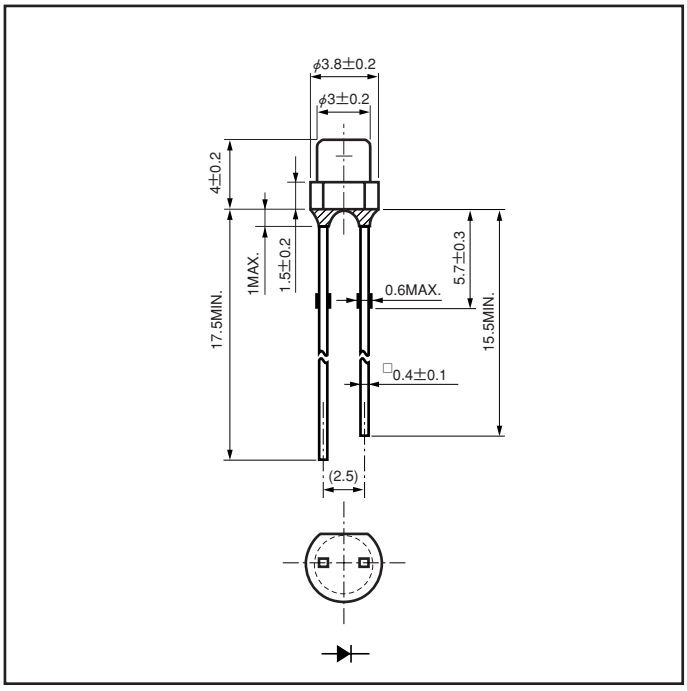
Ta = 25°C

Part No.	Photo Current Ip			Response Time tr·tf			Capacitance※1 C_T		Dark Current I_D		Peak Wavelength λp		Photo Sensitivity S	
	TYP	V_R	Ee	TYP	V_R	R_L	TYP	V_R	MAX	V_R	TYP	V_R	TYP	V_R
PP403	1.5	5	0.5	20	10	1,000	7	10	10	10	950	0	0.64	5
Units	μA	V	mW/cm^2	ns	V	Ω	pF	V	nA	V	nm	V	A/W	V

※1 f=1MHz

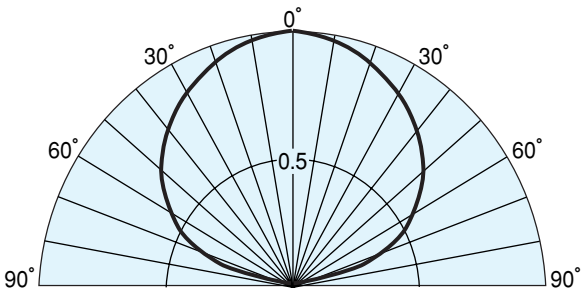
■ Package Dimensions

Unit : mm



■ Spatial Distribution

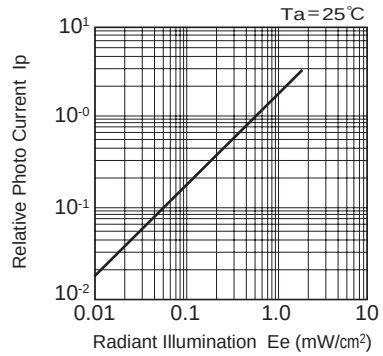
Ta = 25°C



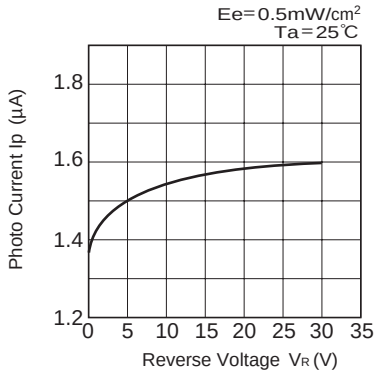
■ PIN PHOTO DIODE

PP403

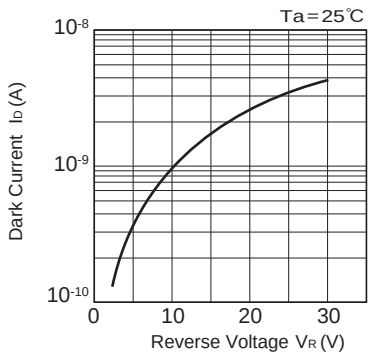
■ Radiant Illumination vs. Relative Photo Current



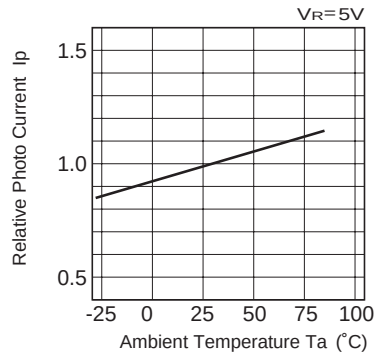
■ Reverse Voltage vs. Photo Current



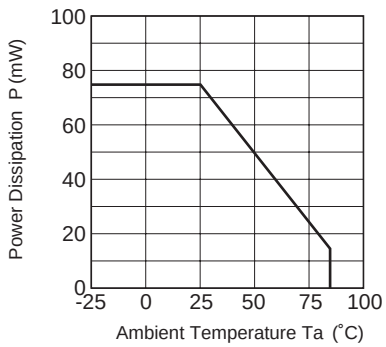
■ Reverse Voltage vs. Dark Current



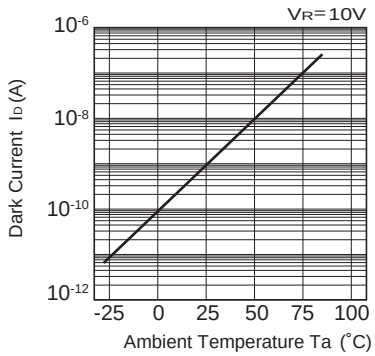
■ Ambient Temperature vs. Relative Photo Current



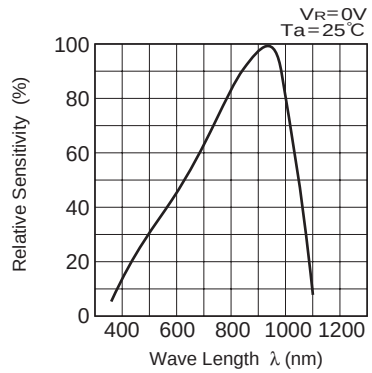
■ Ambient Temperature vs. Power Dissipation



■ Ambient Temperature vs. Dark Current



■ Spectral Sensitivity Characteristics



■ Reverse Voltage vs. Terminal Capacitance

