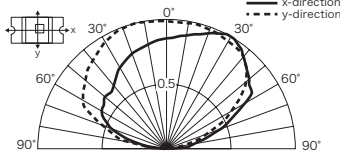




PHOTODETECTORS

PHOTO DIODES

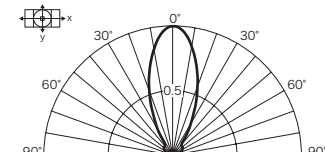
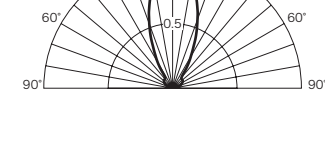
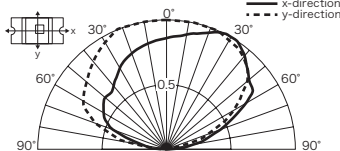
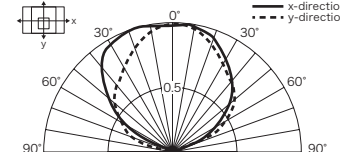
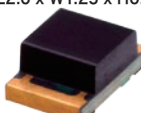
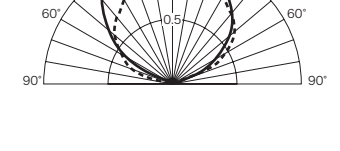
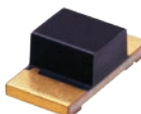
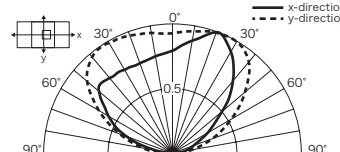
Ta=25℃																					
パッケージ Package	品名 Part name	電気的光学的特性／Electro-optical characteristics											絶対最大定格／Absolute maximum ratings				標準梱包 数量 Standard qty. /Reel	WEB			
		ピーク感度波長 Peak sensitivity wavelength λp Typ.	光電流 Photocurrent				暗電流 Dark current		応答速度 Response time			指向半値角 Half-intensity angle 2θ _{1/2} (θx/θy)	指向特性 Spatial distribution	許容損失 Power dissipation Pd	逆電圧 Reverse voltage V _R	動作温度 Operating temperature Topr			保存温度 Storage temperature Tstg		
			Min.	Typ.	V _{CE}	Ee ^②	I _{CEO}	Max.	V _R	Typ.	V _R									R _L	
単位 (Units)		nm	mA				V	mW/cm ²	nA	V	ns	V	Ω		deg.	-	mW	V	℃	℃	pcs.
L3.0 x W2.0 x H1.5  7.8mg	TPP1101WA	950	2	4	5	5	20	10	50 / 50	10	1,000		140 / 140		30	15	-40~+85	-40~+100	2,500		

※製品画像は代表的なものです/All pictures shown are for illustration purposes only. Actual product may vary due to product enhancement.
※2 光源色温度は2,856Kの標準タングステンランプを使用/Using a standard tungsten lamp with a color temperature of 2,856 K

PHOTO TRANSISTORS

PHOTO TRANSISTORS

Ta=25°C

パッケージ Package	品名 Part name	電氣的光学的特性／Electro-optical characteristics											絶対最大定格／Absolute maximum ratings				標準梱包 数量 Standard qty. /Reel	WEB			
		ピーク感度波長 Peak sensitivity wavelength λp Typ.	光電流 Photocurrent Ic				暗電流 Dark current ICEO		応答速度 Response time tr/τf				指向半値角 Half-intensity angle 2θ1/2 (θx/θy)	指向特性 Spatial distribution	コレクタ・エミッタ間電圧 Collector-emitter voltage VCE0	コレクタ電流 Collector current Ic			動作温度 Operating temperature Topr	保存温度 Storage temperature Tstg	
			Min.	Typ.	VCE	Ee ^{※2}	Max.	VCE0	Typ.	VCE	RL	Ic									
単位 (Units)		nm	mA		V	mW/cm ²	μA	V	μs	V	Ω	mA		deg.	-	V	mA	°C	°C	pcs.	
 7.81mg	TPS1105WA	850	4.8	11.0	5	5	0.1	10	3.1/4.1	10	100	2		40 / 40		30	20	-40~+85	-40~+100	2,000	
 7.81mg	TPS1195WB-1	900 ^{※1}	5.5	8.0	5	5	0.1	10	3.1/4.1	10	100	2		40 / 40		30	20	-40~+85	-40~+100	2,000	
 7.8mg	TPS1101WA	880	2.1	-	5	5	0.1	10	11 / 13	10	100	2		140 / 140		12	20	-40~+85	-40~+100	2,500	
 2.84mg	VTPS1102HA	850	0.9	2.0	5	5	0.1	10	1.8 / 2.6	10	100	2		130 / 120		12	20	-40~+85	-40~+100	4,000	
 2.84mg	VTPS1192HB	900 ^{※1}	0.45	1.3	5	5	0.1	10	1.8 / 2.6	10	100	2		130 / 120		12	20	-40~+85	-40~+100	4,000	
 6.6mg	TPS1191RB-2 (reverse mount type)	900 ^{※1}	0.7	1.0	5	5	0.1	10	1.8 / 2.6	10	100	2		110 / 120		30	20	-40~+85	-40~+100	3,000	

※製品画像は代表的なものです/All pictures shown are for illustration purposes only. Actual product may vary due to product enhancement.
※1 可視光カット(700nm以下)/Visible radiation cut filter under 700 nm
※2 光源色温度は2,856Kの標準タングステンランプを使用/Using a standard tungsten lamp with a color temperature of 2,856 K