
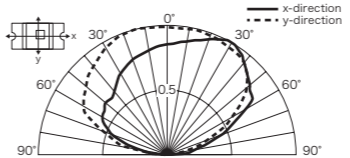




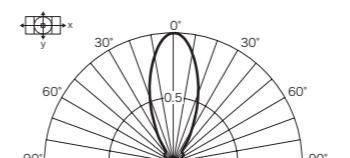

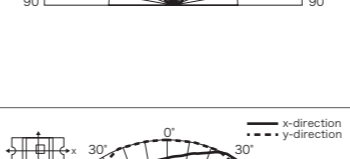

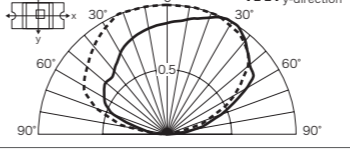


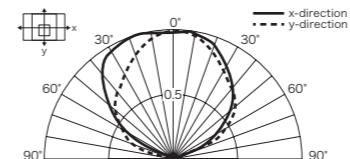
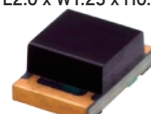
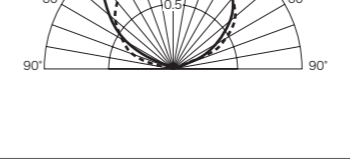
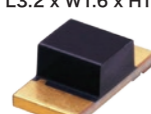
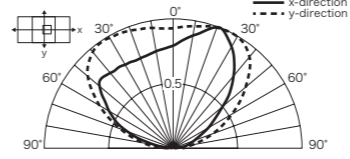
PHOTODETECTORS

PHOTO DIODES

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 λ_p Typ.	光電流 Photocurrent I_c				暗電流 Dark current I_{CEO}		応答速度 Response time tr/ tf			指向半値角 Half-intensity angle $2\theta_{1/2}$ (θ_x/θ_y)	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}	$Ee^{#2}$	Max.	V_R	Typ.	V_R	R_L								
単位 (Units)		nm	mA				nA		ns			deg.	-	mW	V	°C	°C	pcs.	
 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

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 λ_p Typ.	光電流 Photocurrent I_c				暗電流 Dark current I_{CEO}		応答速度 Response time tr/ tf			指向半値角 Half-intensity angle $2\theta_{1/2}$ (θ_x/θ_y)	指向特性 Spatial distribution	コレクタ・エミッタ間電圧 Collector-emitter voltage V_{CE0}	コレクタ電流 Collector current I_c	動作温度 Operating temperature Topr	保存温度 Storage temperature Tstg			
			Min.	Typ.	V_{CE}	$Ee^{#2}$	Max.	V_{CEO}	Typ.	V_{CE}	R_L									I_c
単位 (Units)		nm	mA				μA		μs			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

ULTRAVIOLET

ULTRAVIOLET

INFRARED & SENSORS

INFRARED & SENSORS

VISIBLE LIGHT

VISIBLE LIGHT

INFORMATION

INFORMATION