



■ 用途／Application

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| 1. CDプレーヤーのディスク位置検出。 | 1. Position detection for compact disc in CD player |
| 2. VTR、カメラ型VTRのテープ位置検出。 | 2. Position detecting for tape in VCR and portable VCR incorporated with camera |
| 3. その他の位置検出。 | 3. Position detecting for other equipment |

●電気的光学的特性/Electro-optical characteristics

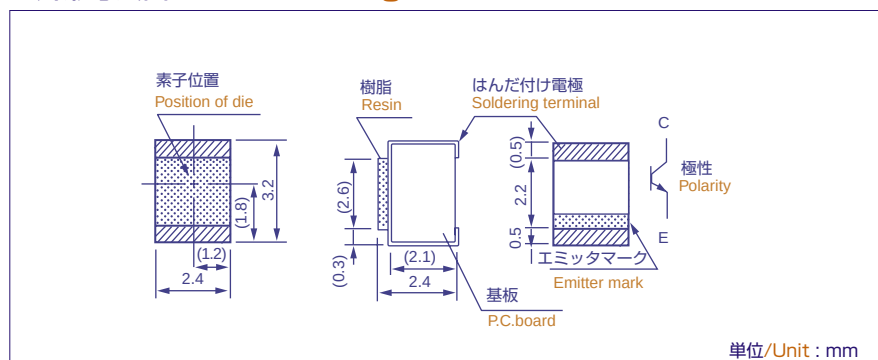
(Ta 25°C)

Item	Symbol	Conditions	Min	Typ	Max	Unit
光電流/Light current	IC	V _{CE} =5V ^{*1} E _V =0.1mW/cm ²	40	120	375	μA
暗電流/Collector dark current	I _{CEO}	V _{CE} =5V	-	5	100	nA
コレクタ・エミッタ間飽和電圧 Saturated voltage between collector & emitter	V _{CE (Sat)}	I _C =100μA ^{*1} E _V =0.1mW/cm ²	-	0.15	0.4	V
ピーク感度波長/Peak sensitive wave length	λ _p ^{*2}	-	-	950	-	nm
分光感度/Spectral efficiency	λ ^{*2}	-	-	860~1090		nm
応答時間/ Response Time	立上がり/Rise time Tr	V _{CE} =5V I _C =2mA R _L =100Ω	-	6	-	μSEC
	立下がり/Fall time Tf		-	6	-	μSEC
半値角/Spectral width of half value	θ _{1/2}	-	-	±30	-	deg.

※1 $E_v=950\text{nm}$ IR光による放射照度/※1 $E_v=\text{Infrared irradiance at } 950\text{ nm}$

※2 Cタイプ標準/※2 Standard for C type

●外形寸法図/Outline drawing



■ 諸特性／Characteristics

