



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
C-E BREAKDOWN VOLTAGE	BV_{CEO}	30	-	-	V	$I_C=100\mu A$ $E_e=0mW/cm^2$
E-C BREAKDOWN VOLTAGE	BV_{ECO}	5	-	-	V	$I_E=100\mu A$ $E_e=0mW/cm^2$
C-E SATURATION VOLTAGE	$V_{CE(sat)}$	-	-	0.4	V	$I_C=2mA$ $E_e=1mW/cm^2$
SPECTRAL SENSITIVITY	λ_p	-	940	-	nm	-
COLLECTOR DARK CURRENT	I_{CEO}	-	-	100	nA	$V_{CE}=20V$ $E_e=0mW/cm^2$
COLLECTOR LIGHT CURRENT	I_C	0.8	-	5.0	mA	$V_{CE}=5V$ $E_e=0.555mW/cm^2$
EPOXY LENS FINISH	WATER CLEAR					

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
C-E VOLTAGE	30	V
E-C VOLTAGE	5	V
COLLECTOR CURRENT	20	mA
POWER DISIPATION	75	mW
OPERATING TEMPERATURE	-25 TO +85	°C
STORAGE TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE*	3 SEC. MAX @ 260	°C

* 2.0mm FROM BODY.

NOTE:

1. RoHS COMPLIANT.
2. COMPLIANCE WITH EU REACH.
3. COMPLIANCE Halogen FREE.
(Br < 900ppm, Cl < 900ppm, Br+ Cl < 1500ppm)

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN.= ^{DECIMAL PRECISION} 0.00, MAX.= ^{DECIMAL PRECISION} 0.00

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4.5(L)*5.7(W)*2.25(H)mm, T-1.5mm RIGHT ANGLE DOME LENS, PHOTO TRANSISTOR, WATER CLEAR LENS.

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 PAGE : 1 OF 1 CHKD BY : G.Y.
 SCALE : NTF APRVD BY : E.C.
 UNIT : mm [INCH] (S)