Absolute Maximum Ratings (Ta=25)

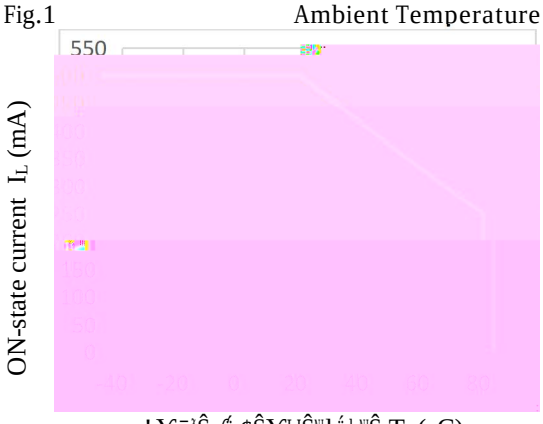
	Parameter	Symbol	Rating	Unit	Parameter
Input	Input forward current	I_F	50	mA	
	Input reverse voltage	V_R	3	V	
	Input forward current (pulsed)	I_{FP}	1	A	f =100 Iz

Electro-optical Characteristics (Ta=25°C)

Parameter		Symbol	Condition	Min.	Typ.	Max.	Unit
Input	Trigger LED current	I_{Fon}	I_L=0.5A	0.5	1.2	3	mA
	Return LED current	I_{Foff}	I_L=0.5A	0	1.0	3	mA
	Input Forward Voltage	V_F	I_F=5mA	1	1.3	1.4	V
Output	Output On-resistance	R_{on}	I_F=5mA I_L=0.5A Electricity less than 1 second	0	0.8	1.5	
	Output Leakage Current	I_{Leak}	I_F=0mA V_L=60V	-100	100	1000	nA
¢ℕłyãŦŜℕ /ЌłℕłÒúŜℕăúłÒă	Turn-on time	T_{on}	I_F=5mA I_L=0.5A	200	890	2000	us
	Turn-off time	T_{off}	I_F=5mA I_L=0.5A	50	210	1000	us
	Input-Output Capacitance	C_{iso}	f=1MHz V_B=0		0.8	1.5	pF
	Lă2fłúł2yˇwŜăłăúłyŐŜ	R_{iso}	500V DC	1,000			M

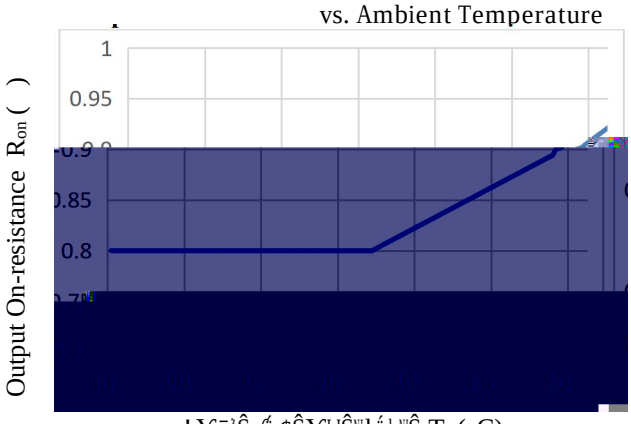
Note: Recommended values for LED forward current IF=5 to 10 mA

Fig.1 Ambient Temperature



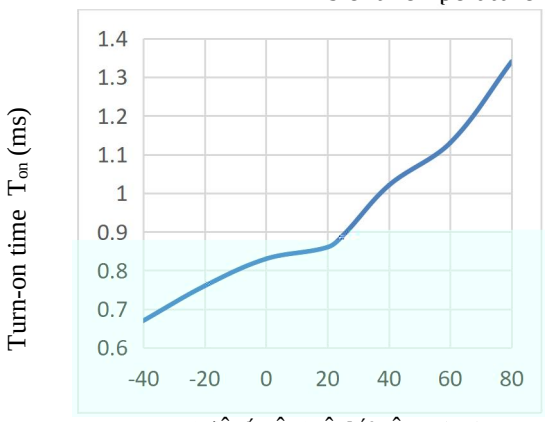
! YōłŜyű ¢ŜYŁJŜℕłúdzℕŜ T_A(C)

vs. Ambient Temperature



! YōłŜyű ¢ŜYŁJŜℕłúdzℕŜ T_A(C)

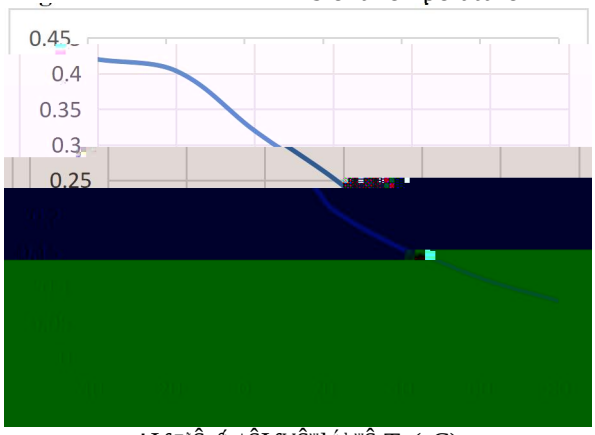
Ambient Temperature



Turn-on time T_{on} (ms)

! Y¯õ⅄Ŝyű ¢ŜYLJŜℕIŀúdzℕŜ T_A(C)

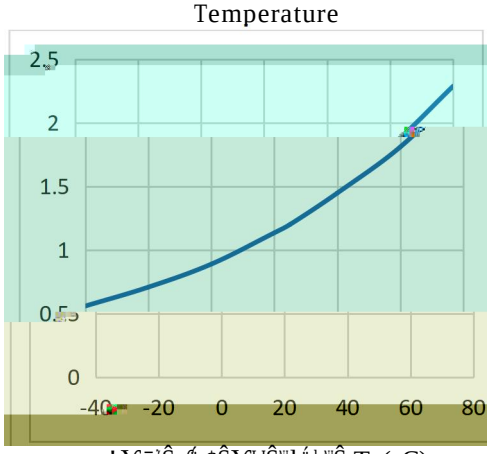
Ambient Temperature



Turn-off time T_{off} (ms)

! Y¯õ⅄Ŝyű ¢ŜYLJŜℕIŀúdzℕŜ T_A(C)

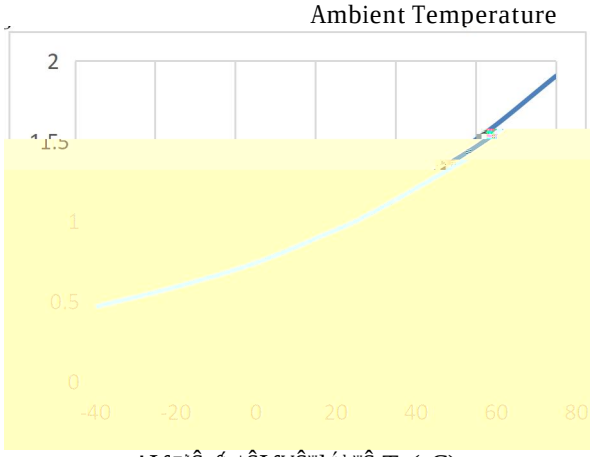
Ambient Temperature



Trigger LED current I_{Fon} (mA)

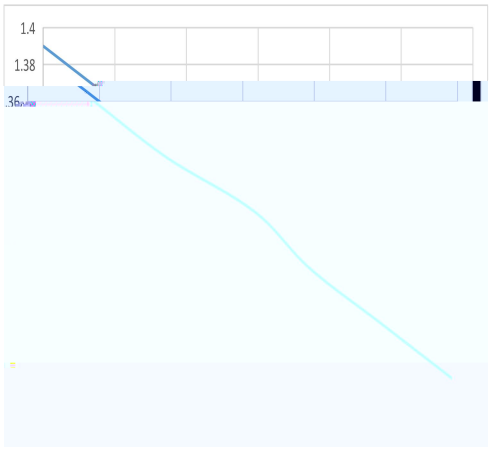
! Y¯õ⅄Ŝyű ¢ŜYLJŜℕIŀúdzℕŜ T_A(C)

Ambient Temperature



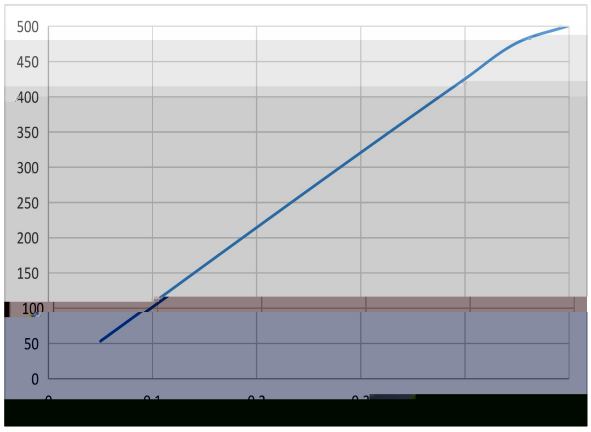
Return LED current I_{Foff} (mA)

! Y¯õ⅄Ŝyű ¢ŜYLJŜℕIŀúdzℕŜ T_A(C)



Input Forward Voltage V_F (V)

! Y¯õ⅄Ŝyű ¢ŜYLJŜℕIŀúdzℕŜ T_A(C)

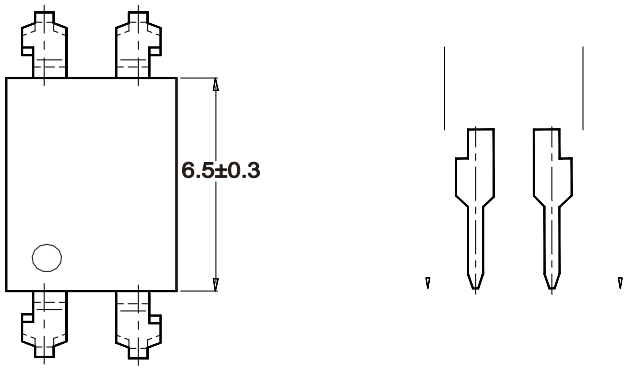


Output Current (mA)

Output Voltage (V)

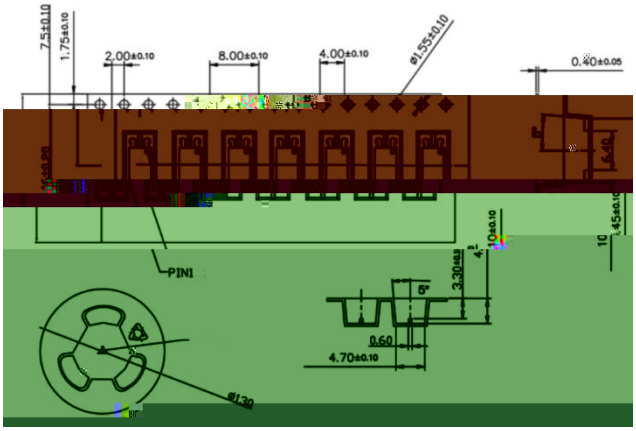
Output Leakage Current I

Unit: mm



Packing Quantity			
Option	**Quantity**	**Quantity – Inner box**	**Quantity –Outer box**
DIP4	100 Units/Tube	32 Tubes/Inner box	10 Inner box/Outer box =32k Units
SMD4	1500 Units/Reel	3 Reels/Inner box	5 Inner box/Outer box =22.5k Units
DIP8	50 Units/Tube	40 Tubes/Inner box	5 Inner box/Outer box =10k Units
SMD8	1200 Units/Reel	2 Reels/Inner box	5 Inner box/Outer box =12k Units

{ a 5πn ó¢ÞLJŜ ɜ wŜŜfŭ



{ a 5πy ó¢ÞLJŜ ɜ wŜŜfŭ

