V I S I B L E L I G H T P R O D U C T S

RoHS Conformity

(Photo Interrupter)

REV:C
DATE:2008/1/8

DEVICE NO:HINT-2600

FEATURES:

Non-contact switch
Fast switching speed

APPLICATIONS:

Copiers , Scanner
Optp-electronic switch

ABSOLUTE MAXIMUM RATINGS:

T_A=25°C

PARAMETER		SYMBOL	MAX. RATING	UNIT
Input	Continuous Forward Current	I_F	50	mA
	Peak Forward Current *1	I_{FM}	1	A
	Reverse Voltage	V_R	5	V
	Power Dissipation	Pd	75	mW
Output	Collector-Emitter Voltage	V_{CEO}	30	V
	Emitter-Collector Voltage	V_{ECO}	5	V
	Collector Current	Ic	20	mA
	Power Dissipation	Pd	75	mW
Operating Temperature		Topr	-25 ~ +85	°C
Storage Temperature		Tstg	-40 ~ +85	°C
Dip Soldering Temperature (3mm from case Bottom 260 °C for 5 seconds)				

ELECTRIC-OPTICAL CHARACTERISTICS:

T_A=25°C

PARAMETER		SYMBOL	TEST CONDITION	MIN	TYP	MAX	UNIT
Input	Forward Voltage *2	V_F	I_F=20mA		1.20	1.60	V
	Reverse Current	I_R	V_R=5V			10	uA
Output	Dark Current	Iceo	Vce=10V			100	nA
	C-E Saturation Voltage	V_{CE}(sat)	Ic=0.5mA,I_F=20mA			0.4	V
Collector Current		Ic	Vce=5V,I_F=10mA	1	4	15	mA
Rise Time		Tr	Vce=5V,I_F=20mA RL=1000Ω		20		usec
Fall Time		Tf			20		usec

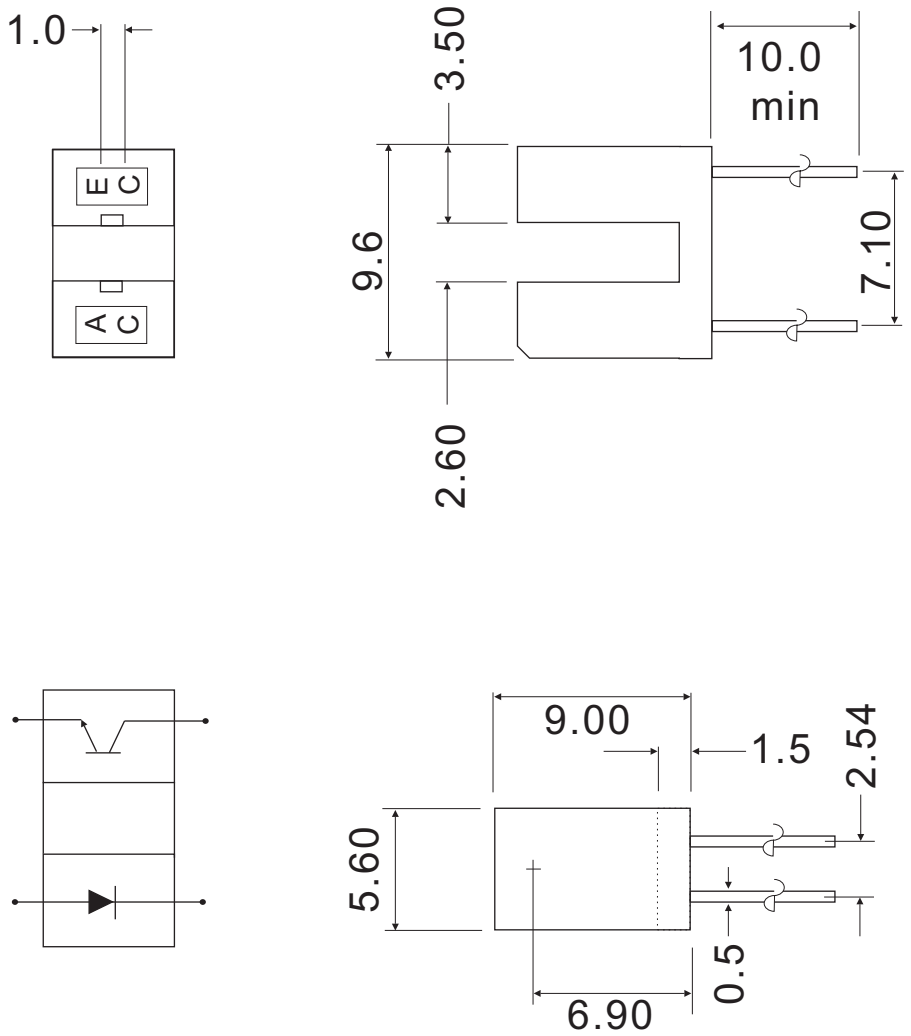
*1.Duty Ratio=1/10,Pulse Width=0.1ms.
*2.Tolerance:30% HUEY-JANN' measuring equipment :1.EXELTRON 2001. 2.S370 made by U.D.T.

HUEY JANN ELECTRONICS INDUSTRY CO., LTD.

INFRARED PRODUCTS

(Reflective Sensor)

PACKAGE DIMENSIONS:



NOTE:
1.All dimensions are in millimeter.
2.Tolerance is ±0.25mm unless otherwise specified.
2.Lead spacing in measured where the leads emerge from the package.
3.specifications are subject to change without notice.

HUEY JANN ELECTRONICS INDUSTRY CO., LTD.						DEVICE NO: HINT-2600	
REV:	C	DATE:	2006/4/21	DWN:	C.Y.LIN	CHK:	Dundee

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