JOC101X(B) Series

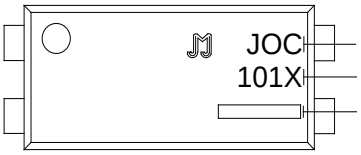
Rev.A.1.0

DESCRIPTION:

The products are transistor opto-couplers in a plastic LSOP4 package. The device combines an AlGaAs infrared emitting diode as the emitter which is optically coupled to a silicon planar phototransistor detector. With the robust coplanar double mold structure, the device pro(t)2 (he)10d [(0 0.3.9c 0 Tw 2.983 0 6 >>BDC 012009 Tc 0.002 Tw 1.2 0 Td

Storage Temperature	T_{stg}	-55~+125	
Soldering Temperature	T_{sol}	260	

ORDERING AND MARKING INFORMATION

MARKING INFORMATION	
	: Company Abbr. : Part Number & Rank : Production Information Code

Packing Quantity			
Option	Quantity	Quantity – Inner box	Quantity –Outer box
LSOP4	3000 Units/Reel		

Characteristics Curves

FIG.1: Max. Allowable LED Forward Current vs. Ambient Temperature

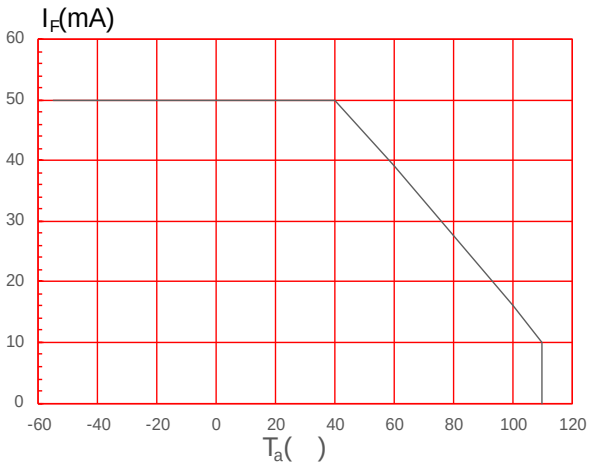


FIG.2: Collector Power Dissiption vs. Ambient Temperature

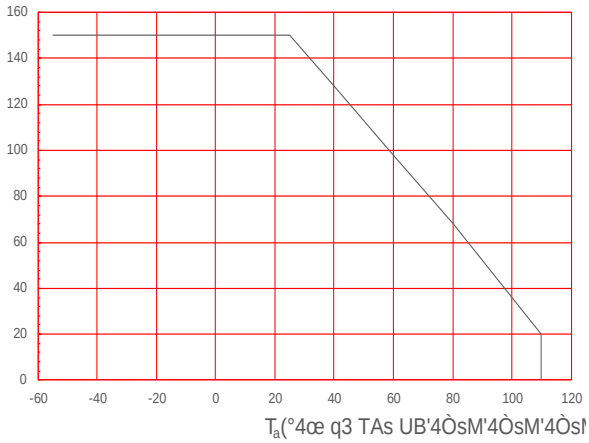


FIG.7: Normalized Current Transfer Ratio vs. Ambient Temperature

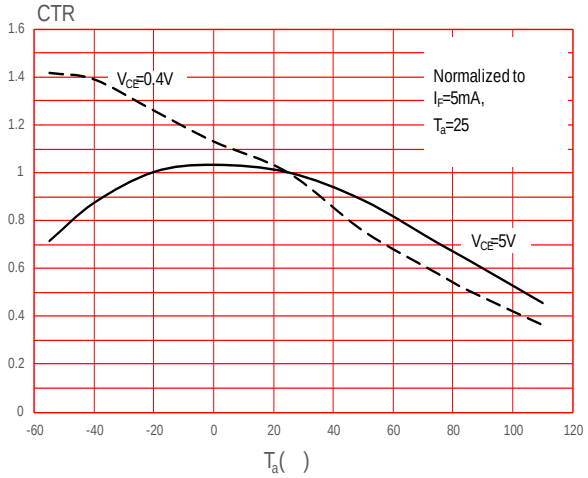
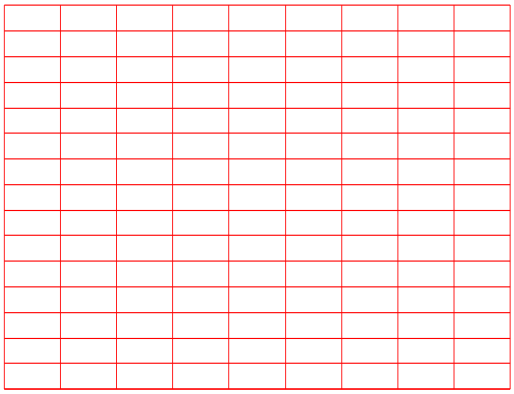


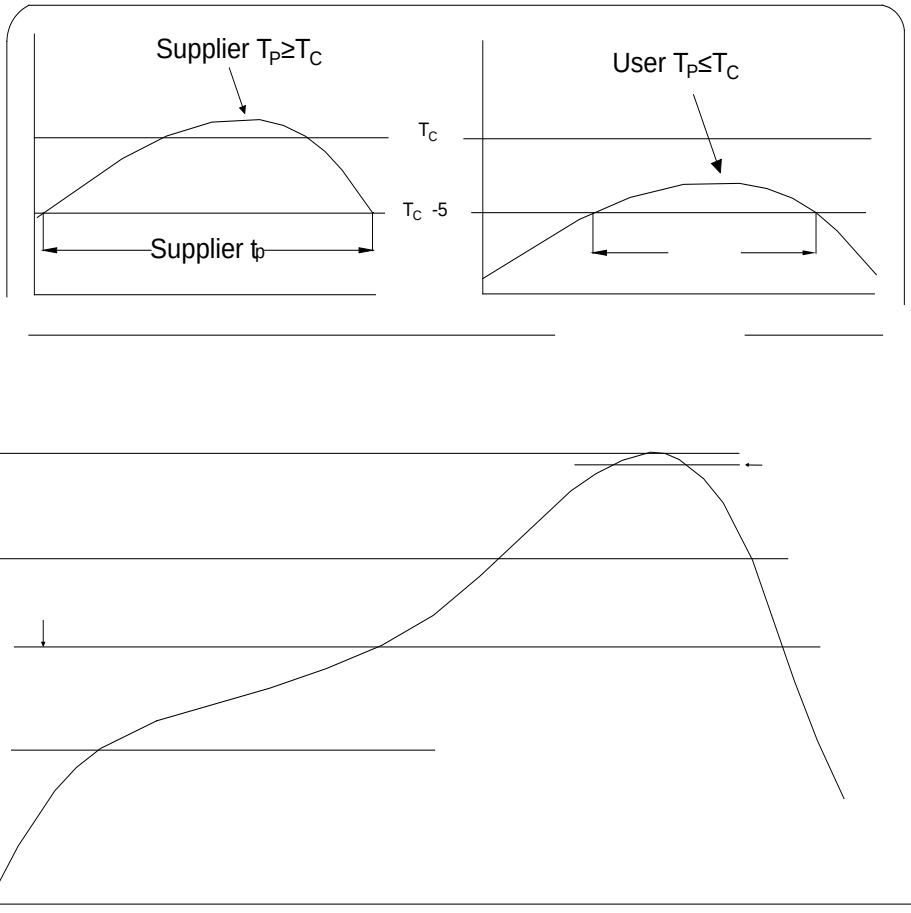
FIG.8: Normalized Collector-emitter Saturation Voltage vs. Ambient Temperature



Package Dimension (Unit: mm)

Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
A	7.40		7.80	0.291		0.307
B	3.40		3.80	0.134		0.150
C	0.00		0.20	0.000		0.008
D	1.80		2.20	0.071		0.087
E	8.10		8.70	0.319		0.343
F	0.40		1.00	0.016		0.039
G	9.90		10.50	0.390		0.413
H	0.10		0.30	0.004		0.012
I	1.80		2.40	0.071		
J	0.25		0.55	0.010		0.022
K						

REFLOW INFORMATION



Note:

1. Reflow soldering is recommended at the temperatures and times shown, no more than three times.

2. Avoid direct contact between the epoxy body and any tools or surfaces exceeding its maximum storage temperature.

3. Application of pressure on the epoxy body is prohibited at elevated temperatures. In specific scenarios, any applied force must not exceed 2.5N.

4. Ensure the component has cooled to ambient temperature before proceeding with any subsequent manufacturing steps.

5. The component has a shelf life of one year when stored under standard conditions.

6. Recommend storage Temp.: 0~40°C;

Recommend storage humidity: <60%;

MSL level: MSL 1

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