JOC306XD5 Series

Rev.A.1.1

DESCRIPTION:

The JOC306XD5 series combine an AIGaAs infrared emitting diode as the

	Power Dissipation Derating (T_a 25)	P_D/	-3.33	mW/
Total Power Dissipation		P_{tot}	350	mW
Isolation Voltage		V_{iso}	5000	

Preliminary

Characteristics Curves

FIG.1: Forward Current vs. Ambient Temperature

FIG.2: On-state Terminal Current vs. Ambient Temperature

TEST CIRCUITS

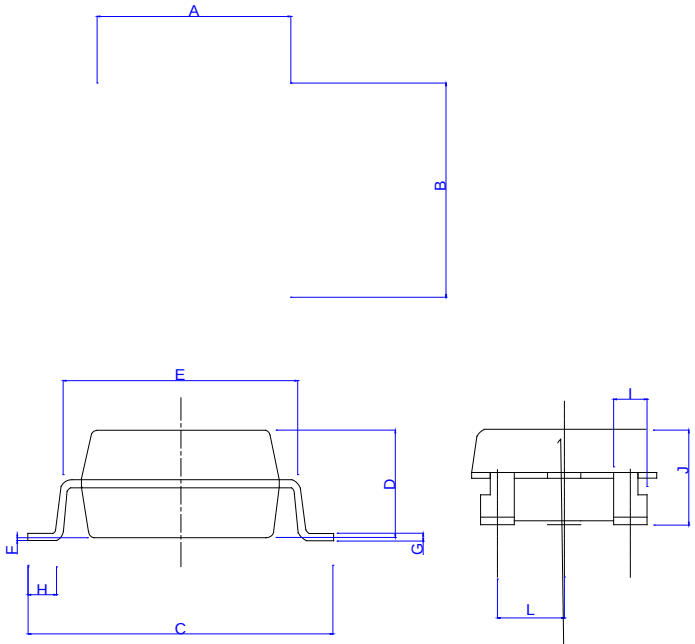
FIG.12: Test Circuits of Turn On Time

FIG.13: Waveforms of Turn On Time

Package Dimension (Unit: mm

Option S Type:

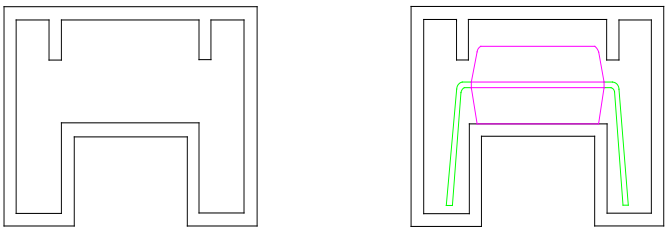
Option SLM Type:



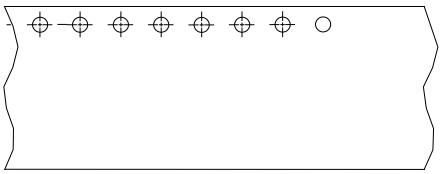
Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
A	6.30		6.70	0.248		0.264
B	6.92		7.32	0.272		0.288
C	11.60		12.10	0.457		0.476
D	3.30		3.70	0.130		0.146
E	7.32		7.92	0.288		0.312
F			0.30			0.012
G						
H	0.50			0.020		
I	1.10		1.30	0.043		0.051
J	3.45		3.85	0.136		0.152
K						

TUBE SPECIFICATIONS (Dimensions in mm unless otherwise stated)

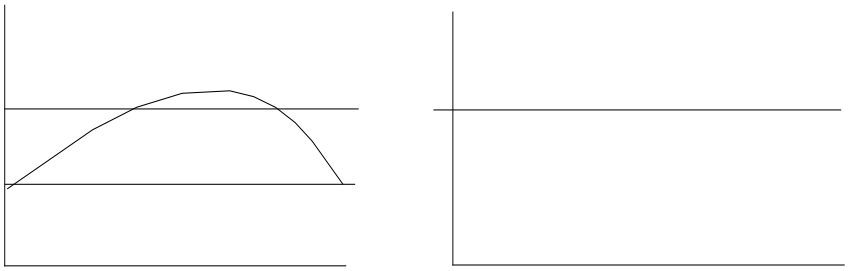
Standard DIP



CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)



REFLOW INFORMATION



Document Revision History

Date	Revision	Changes
Apr.2, 2025	A.1.0	Last update
Nov.6, 2025	A.1.1	Add S&SLM package

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