JOC217X Series

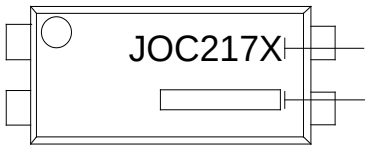
DESCRIPTION:

The products are transistor opto-couplers in a SSOP4 package. The device is a photoelectric coupler composed of light-emitting diode and phototransistor. The products are widely used in switching power supply, intelligent meter, industrial control, measuring instruments, office equipment such as copiers, household appliances: such as air conditioners,

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

ORDERING AND MARKING INFORMATION

MARKING INFORMATION



: Part Number & Rank
: Production Information Code

Packing Quantity

Option	Quantity	Quantity – Inner box	Quantity –Outer box
SSOP4	3000 Units/Reel	2 Reels/Inner box	5 Inner box/Outer box =30k Units

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

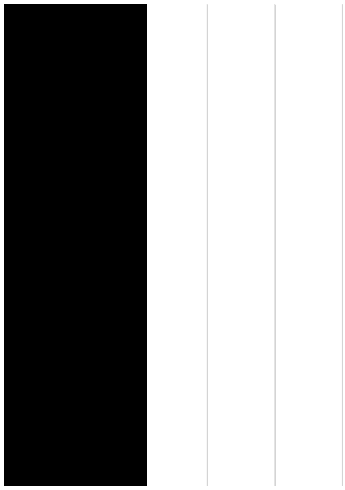


FIG.8: Normalized Collector-emitter Saturation Voltage vs. Ambient Temperature

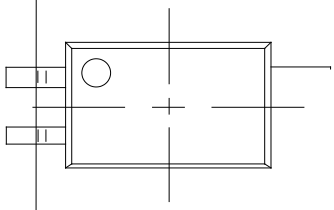
Test Circuits

FIG.11: Test Circuits of Response Time

FIG.12: Curves of Response Time

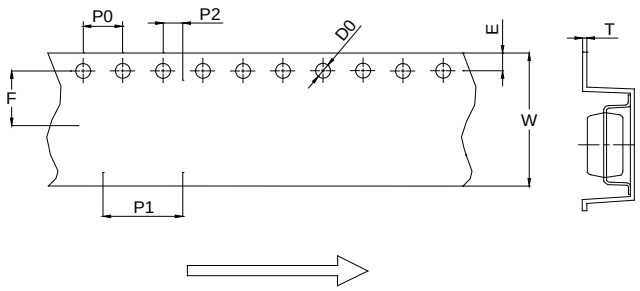
y (es)]1 (ur)411 (es)]p-11 (es)]T/TT2 1 Tf0 Tc0 Tw0 0 0.443d( )TJET

Package Dimension (Unit: mm)



CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)

Option T1



Note:

0 1 4 1 11 Reflow solderingcn 3.5 26 211.6 (gc6 (l) 4.3 (n)e)]T2 /TT1 13 (n) 13 /TTen 3.5 26dm]a]TJ 0 T]TJ (che]TJ