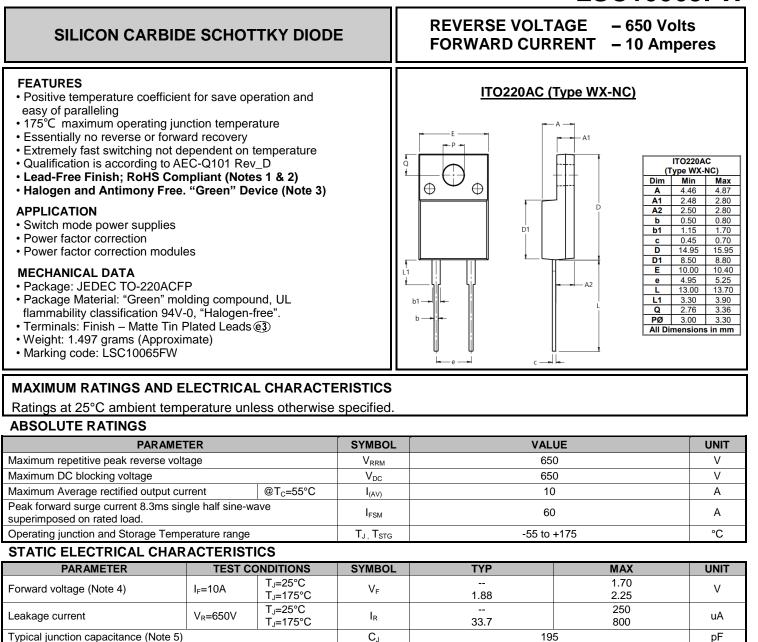




A Product Line of Diodes Incorporated

LITE-ON SEMICONDUCTOR



DYNAMIC ELECTRICAL CHARACTERISTICS

PARAMETER	TEST CONDITIONS	SYMBOL	ТҮР	UNIT					
Total Capacitive Charge	VR=400V, dl/dt= 250A/uS, I _F =10A	Qc	23	nC					

THERMAL CHARACTERISTICS

PARAMETER	SYMBOL	ТҮР	UNIT
Typical thermal resistance (Notes 6, 7)	RthJ _c	6	°C/W
Typical merinal resistance (Notes 0, 7)	RthJ∟	7	0/11

Notes:

1. EU Directive 2002/95/EC (RoHS), 2011/65/EU (RoHS 2) & 2015/863/EU (RoHS 3) compliant. All applicable RoHS exemptions applied.

2. See https://www.diodes.com/quality/lead-free/ for more information about Diodes Incorporated's definitions of Halogen- and Antimony-free, "Green" and Lead-free.

3. Halogen- and Antimony-free "Green" products are defined as those which contain <900ppm bromine, <900ppm chlorine (<1500ppm total Br + Cl) and <1000ppm antimony compounds.

4. 300us pulse width, 2% duty cycle.

5. Measured at 1.0MHz and applied voltage of 1.0V DC.

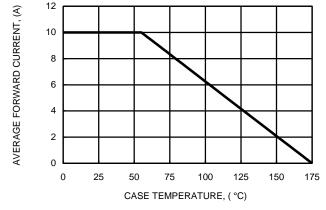
6. Thermal resistance test performed in accordance with JESD-51.

7. The unit mounted on copper 50mm x 50mm x 1.6mm & 200mm x 200mm x 10mm in free air condition.

RATING AND CHARACTERISTIC CURVES

LITE-ON SEMICONDUCTOR





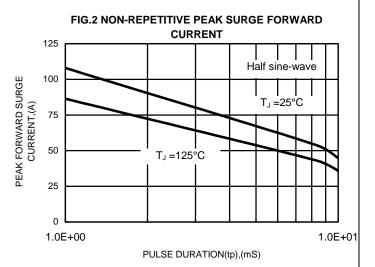
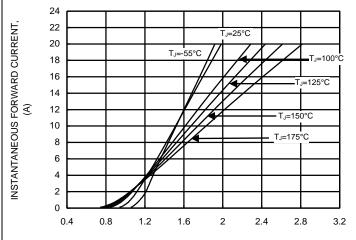


FIG.3 TYPICAL FORWARD CHARACTERISTICS



INSTANTANEOUS FORWARD VOLTAGE, (V)

FIG.5 TYPICAL REVERSE CHARACTERISTICS

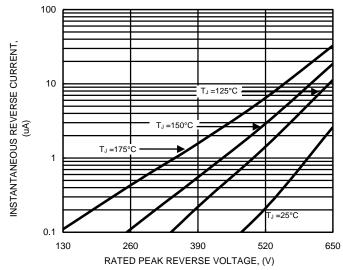


FIG.4 TYPICAL JUNCTION CAPACITANCE

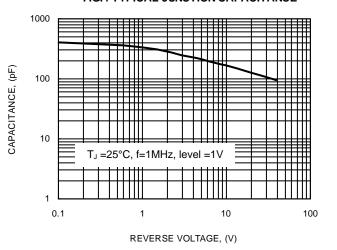
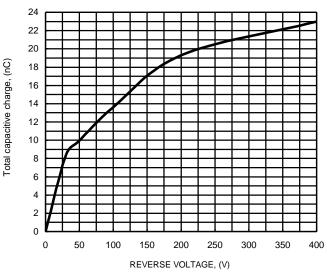


FIG.6 TYPICAL CAPACITIVE CHARGES



LSC10065FW Document number: DS45604 Rev. 5 - 2

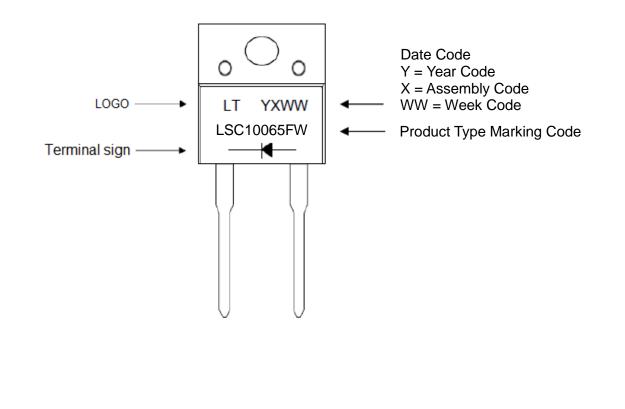


LITE-ON SEMICONDUCTOR

Ordering Information:

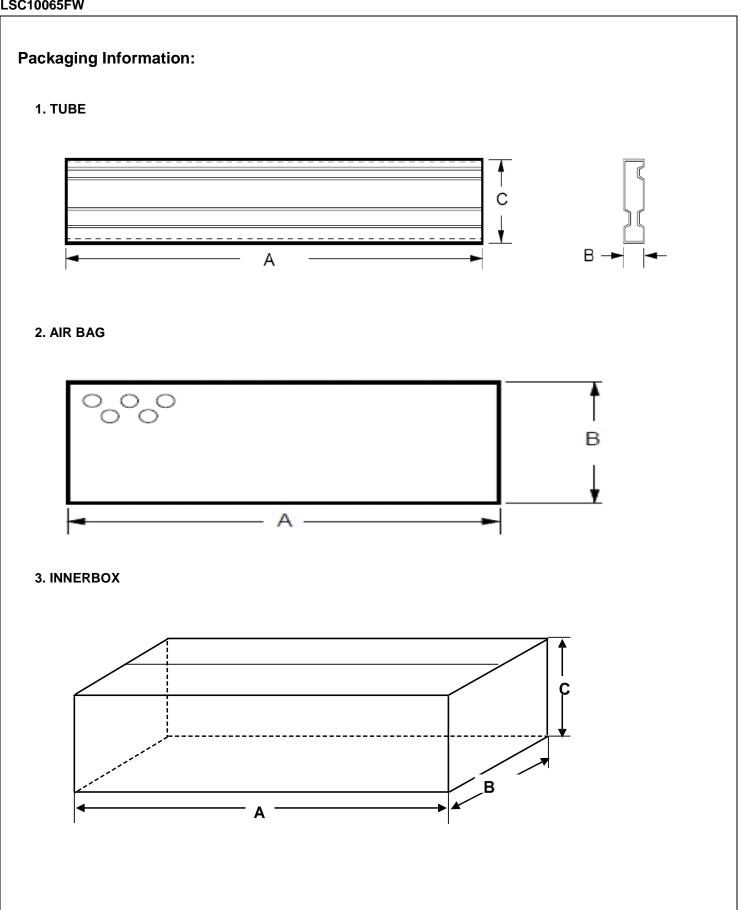
Part Number	Packago	Packing			
Fart Number	Package	Qty.	Carrier		
LSC10065FW	ITO220AC (Type WX-NC)	50pcs	Tube		

Marking Information:





LITE-ON SEMICONDUCTOR

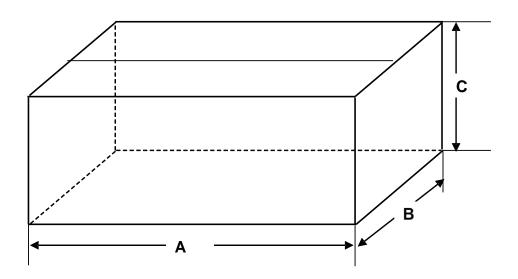




LITE-ON SEMICONDUCTOR

Packaging Information:

4. CARTON



Unit:mm

P/N	DIMENSION "A"	DIMENSION "B"	DIMENSION "C"	Q'ty/per	REMARK
TUBE	536	5.6	31.8	50	1
AIR BAG	800	550	1	1	1
INNERBOX	555	165	105	2000	40TUBE
CARTON	575	179	225	4K	2 INNER BOX



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