

TO-3P

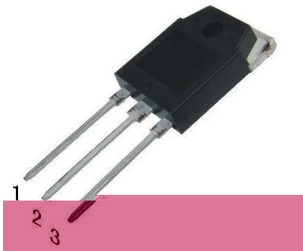
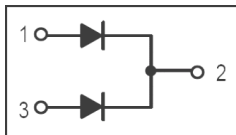
Schottky Barrier Diode in a TO-3P Plastic Package.

Low forward voltage drop, low power losses, High efficiency operation.

OR-ing

DC-DC

For use in high frequency inverters, switching power supplies, freewheeling diodes, OR-ing diode, dc-to-dc converters and reverse battery protection.



PIN1 Anode PIN 2 Cathode PIN 3 Anode

See Marking Instructions.

Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	V_{RRM} V_{RWM} V_{DC}	100	V
RMS Reverse Voltage	V_{RMS}	70	V
Average forward current	$I_{F(AV)}$	2×20	A
Non-Repetitive Peak Forward Surge Current	I_{FSM}	300	A
Thermal Resistance Junction to Ambient case	$R_{\theta Jc}$	2.8	/W
Operating and Storage Temperature Range	T_j T_{stg}	-40 +150	

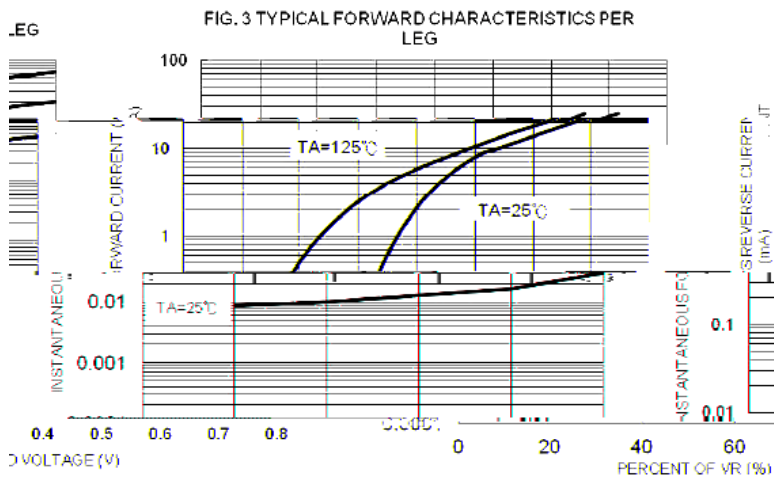
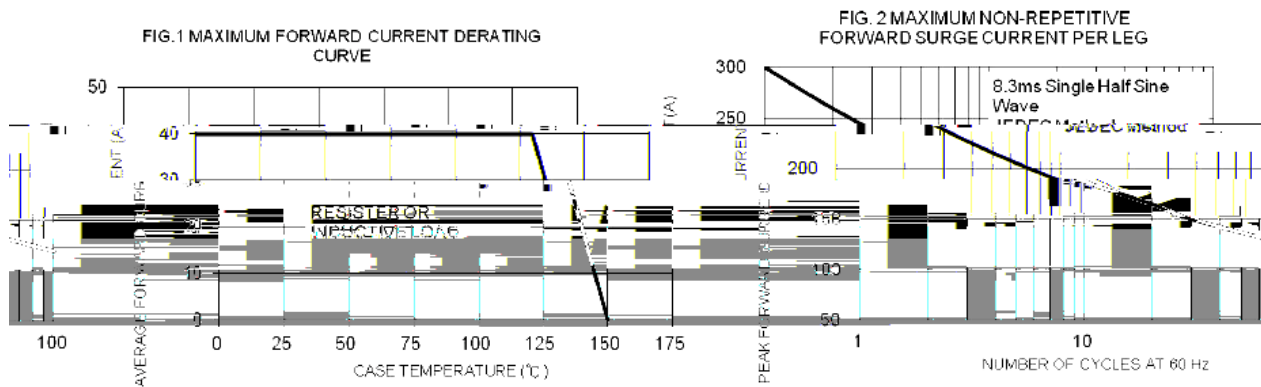
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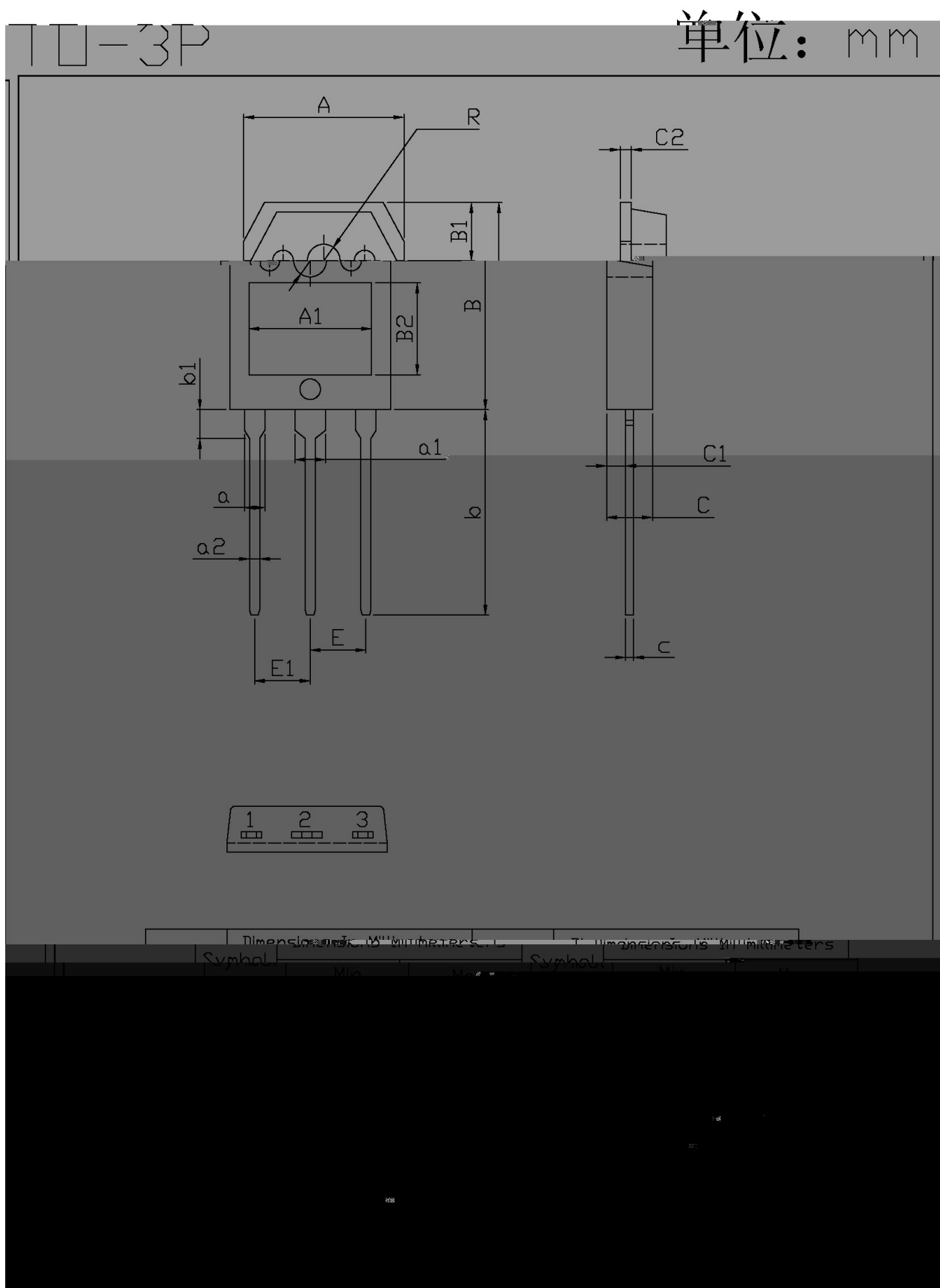
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Reverse Breakdown Voltage	V_{BR}	$I_R=1mA(T_a=25^\circ C)$	100			V

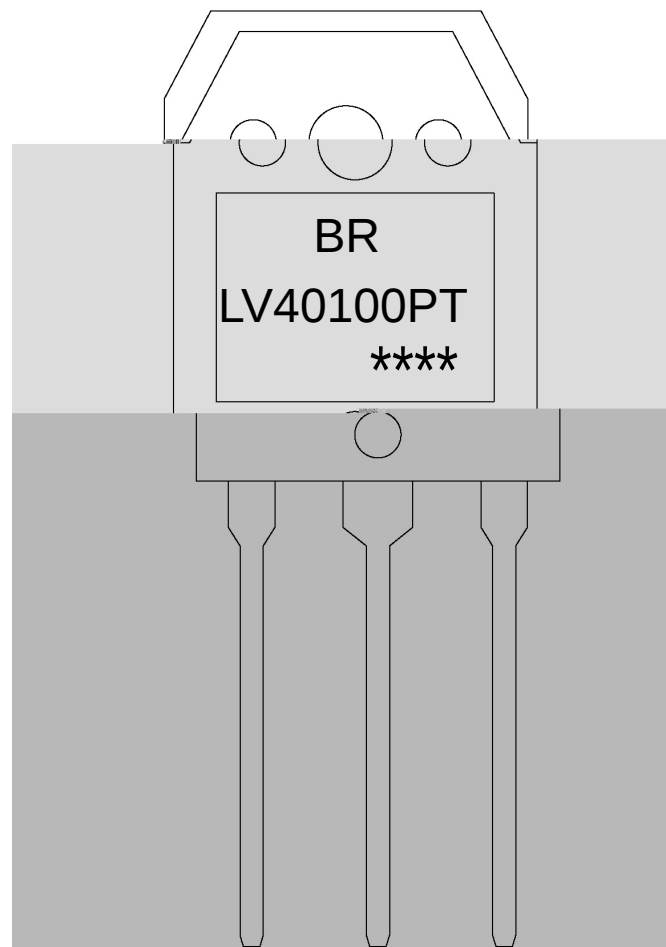
 I_F

Forward Voltage

 V_F







BR

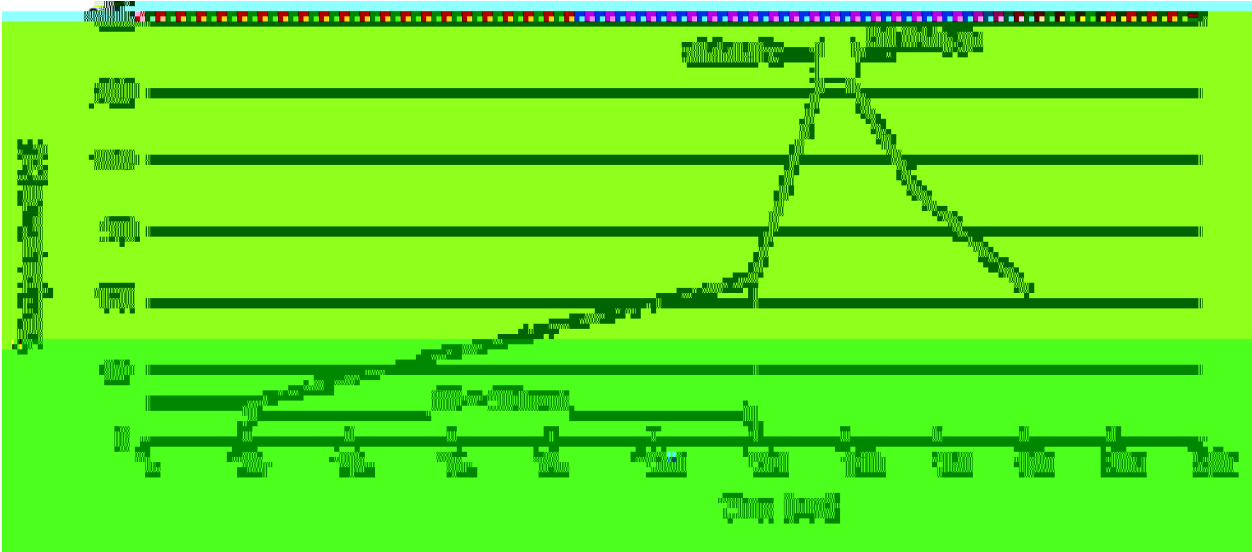
LV40100PT

Note:

BR: Company Code.

LV40100PT: Product Type.

****: Lot No. Code, code change with Lot No.



- 1

25 150

60 90sec;

2

255±5

5±0.5sec;

3

2 10

/sec.
- Note:

1.Preheating:25~150 , Time:60~90sec.

2.Peak Temp.:255±5 , Duration:5±0.5sec.

3. Cooling Speed: 2~10 /sec.

270±5

10±1 sec.

Temp.:270±5

Time:10±1 sec

/ TUBE

Package Type	Units					Dimension (unit mm ³)		
	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box
TO-3P	30	15	450	5	2250	497.5×46×8	555×164×50	575×290×180