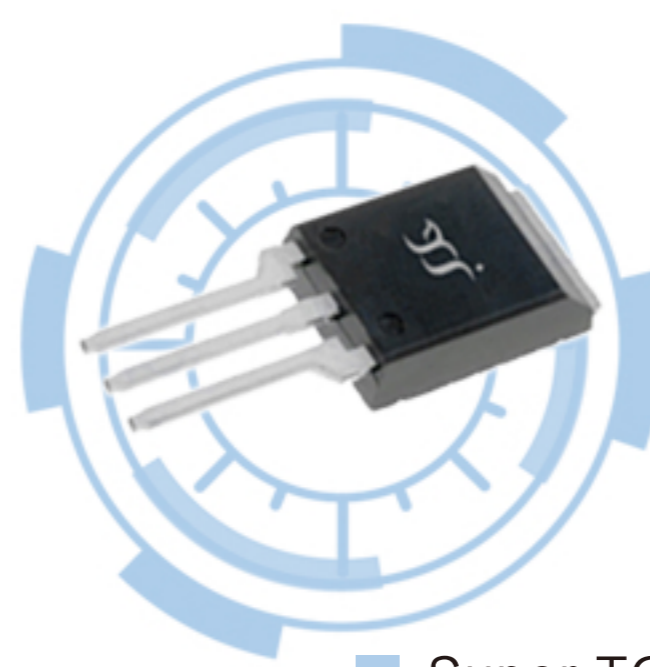


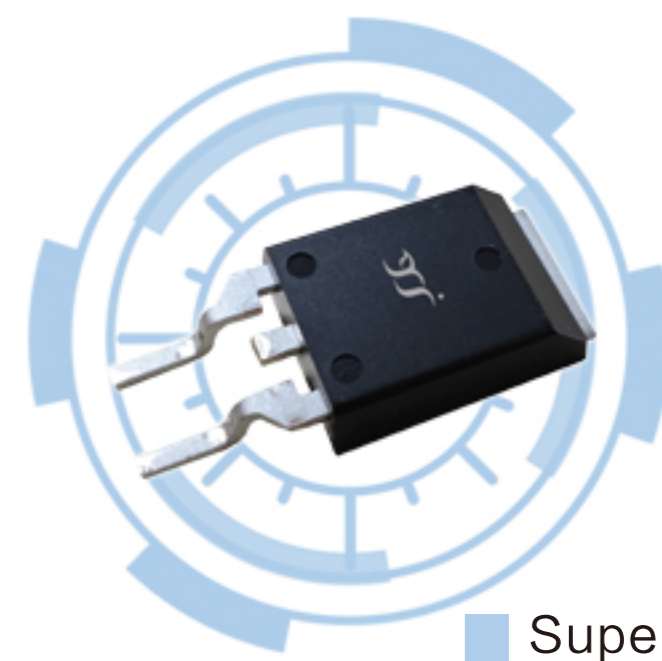
用于汽车PTC的IGBT单管

产品介绍

1. Super TO-220标准封装;
2. 电压等级为1200V, 电流涵盖40A~80A;
3. 产品主要用于汽车PTC应用;
4. 相关系列产品与市场主流产品完全pin to pin替代应用;
5. 采用环保物料, 符合RoHS标准;



■ Super TO-220

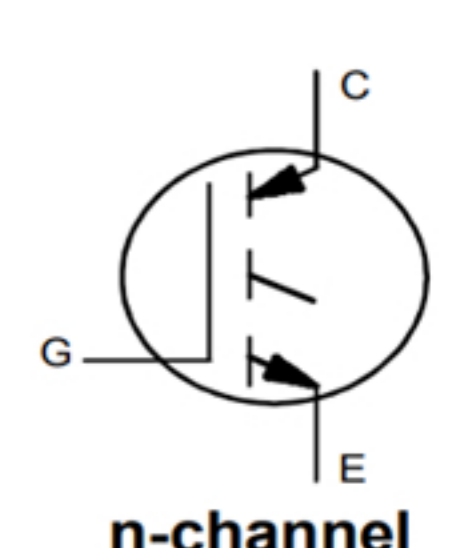


■ Super TO-263

产品特点

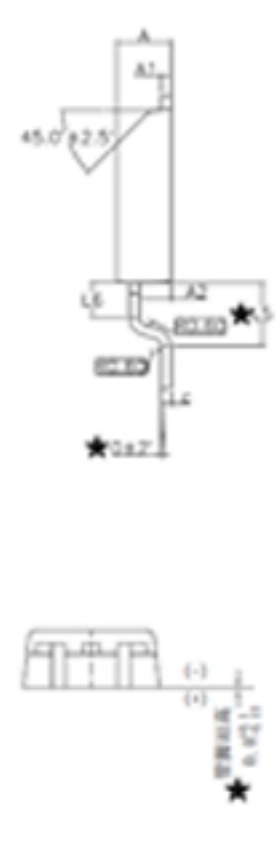
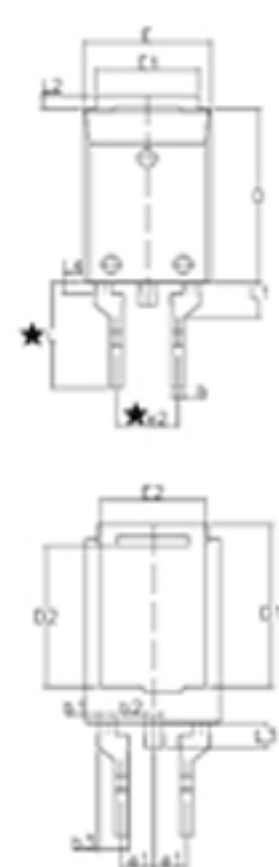
1. 沟槽FS结构, 具备良好的耐压、压降特性;
2. 最高结温 $T_{jmax}=150^{\circ}C$;
3. 具备非常低 $V_{ce(sat)}$ 及慢关断特性, 适合PTC系统应用;

电性参数

TYPE. NO.	Specification	Package	Vcesat@25°C	Eoff@25°C	Structure
DGS40N120ATL0A	40A/1200V	Super TO 220	1.80V	2.5mJ	 <p>n-channel</p>
DGS80N120ATL1B	75A/1200V	Super TO 220	1.75V	4.6mJ	
DGR40N120ATL0A	40A/1200V	Super TO 263	1.80V	2.5mJ	
DGR80N120ATL1B	75A/1200V	Super TO 263	1.75V	4.6mJ	

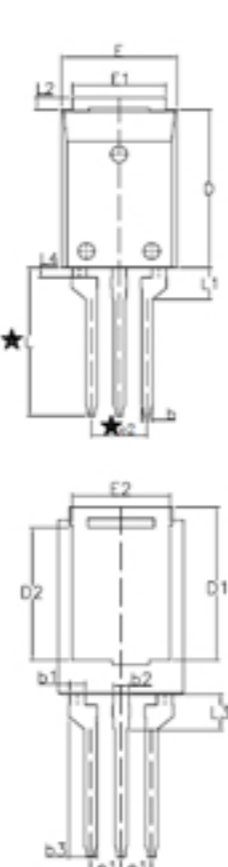
应用电路

CASE: STO 263



DIMENSIONS	
SYMBOL	Millimeter
A	4.34 4.74
A1	0.70 1.00
A2	2.50 3.00
b	0.70 1.30
b1	1.25 1.65
b2	1.25 1.65
b3	2.16 2.36
c	0.70 1.00
D	14.00 15.00
D1	12.50 13.50
D2	10.54 11.54
E	10.00 11.00
E1	8.00 9.00
E2	7.70 8.70
e1	2.55 BSC
e2	4.90 5.30
L	8.50 8.90
L1	2.65 3.15
L2	0.50 1.50
L3	1.40 2.40
L4	— 1.50
L5	5.05 5.45
L6	2.97 BSC

CASE: STO 220



DIMENSIONS	
SYMBOL	Millimeter
A	4.34 4.74
A1	0.70 1.00
A2	2.50 3.00
b	0.70 1.30
b1	1.25 1.65
b2	1.25 1.65
b3	2.16 2.36
c	0.70 1.00
D	14.00 15.00
D1	12.50 13.50
D2	10.54 11.54
E	10.00 11.00
E1	8.00 9.00
E2	7.70 8.70
e1	2.55 BSC
e2	4.90 5.30
L	13.00 14.50
L1	2.65 3.15
L2	0.50 1.50
L3	2.75 3.25
L4	— 1.50

应用领域



■ PTC