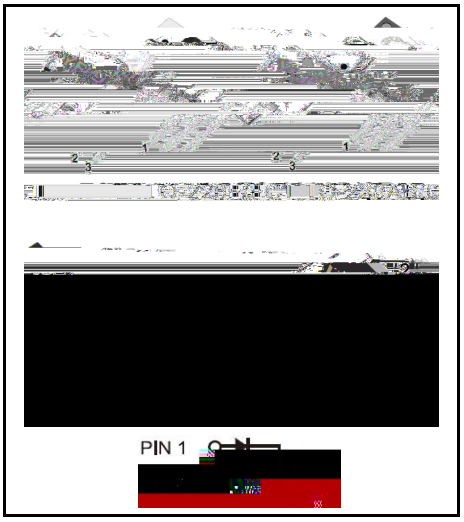
- Low forward voltage
- High current capability
- High forward surge capability
- Low power losses High efficiency
- Guarding for over voltage protection

- Case: TO-220AB/CT TO-220F/FCT TO-263/DC
- Solder bath temperature275 maximum,10s per JESD22-106



Maximum Repetitive Peak Reverse Voltage		150	
Working Peak Reverse Voltage		105	
Maximum DC Blocking Voltage		150	
Maximum Average Forward Rectified Current	Per Leg	15	
	Total	30	
Peak Forward Surge Current,8.3 ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method)		450	
Operating Temperature Range		175	
Storage Temperature Range		-40 to +175	
Typical Thermal Resistance (Note1) TO-220AB,TO-263 TO-220F		2 4	

Forward Voltage Drop(Note2)				
at I =10A	TA=25°C	0.76	-	
	TA=125°C	0.63	-	
at I =15A	TA=25°C	0.79	0.82	
	TA=125°C	0.68	-	
Maximum Reverse Current at V =150V	TA=25°C	5	10	
	TA=125°C	3	-	

Marking Diagram

Ordering information

Model name	Package	Unit Weight	Base Quantity	Packing Quantity
	TO-220F	0.06oz(1.74g)		

Marking Diagram

Ordering information

Model name	Package	Unit Weight	Base Quantity	Packing Quantity

Package Dimensions

TO-263

	Dim	Millimeter		Inches	
		Min.	Max.	Min.	Max.

The information presented in this document is for reference only. GuangDong Youfeng Microelectronics Co.,Ltd. reserves the right to make changes without notice for the specification of the products displayed