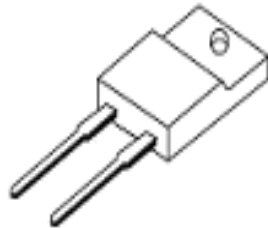




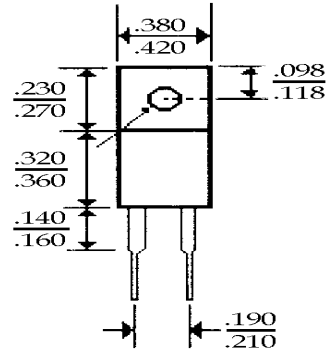
DESCRIPTION

MECHANICAL DIMENSION

FGF2001~07



ITO-220AC



(Dimensions in inches)

FEATURES

- ☐ High surge Current Capability
- ☐ High Forward Current Capability
- ☐ Low Forward Voltage Drop
- ☐ Glass Passivated Chip Junction
- ☐ High Temperature Soldering Guaranteed

MECHANICAL DATA

- ☐ Case: JEDEC ITO-220AC Molded Plastic Body
- ☐ Terminals: Plated Leads Solderable per MIL-STD_750, Method 2026
- ☐ Plastic package : Flammability Classification 94V-0

Maximum Ratings And Electrical Characteristics (Ta=25°C)

Parameters	Symbol	FGF20						
		01	02	03	04	05	06	07
Average forward current, I _o at T _c =100°C 60Hz, Resistive or Inductive Load	IF	20A						
Peak Repetitive Reverse Voltage	VRRM	50	100	200	400	600	800	1000
Max RMS Voltage	V RMS	35	70	140	280	420	560	700
DC Blocking Voltage	VDC	50	100	200	400	600	800	1000
Forward Voltage @IF= 20A	VF	1.25V						
Non-Peak Forward Surge Current, @Rated Load Conditions 8.3mS 1/2 Sine-Wave	IFMS	200A						
Max. Reverse Current IR At Rated DC Reverse Voltage. T _c =25/100°C	IR	5.0mA 50mA						
Typical thermal Resistance,	R _{θJC}	1.5°C/W						
Typical Junction Capacitance (Note:1)	Cj	100pF						
Operating and Storage Temperature Range	To/Ts	-65 to +150°C/-65 to +175°C						

NOTE: 1. MEASURED AT 1 MHZ AND A APPLIED REVERSE VOLTAGE OF 4.0VD.C.

