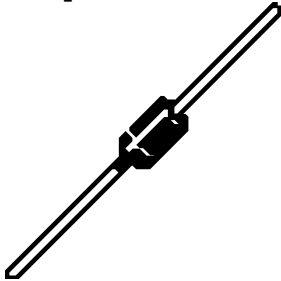
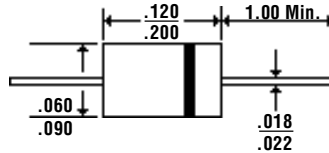


**Description**



**Mechanical Dimensions**

JEDEC  
DO-35



**Features**

- PLANAR PROCESS
- 500 mW POWER DISSIPATION
- INDUSTRY STANDARD DO-35 PACKAGE
- MEETS UL SPECIFICATION 94V-0

FBAV19...21 Series				Units
Maximum Ratings	FBAV19	FBAV20	FBAV21	
Peak Reverse Voltage... $V_{RM}$	120	200	250	Volts
RMS Reverse Voltage... $V_{R(rms)}$	100	150	200	Volts
Average Forward Rectified Current... $I_0$		250		mAmps
Non-Repetitive Peak Forward Surge Current... $I_{FSM}$		500		mAmps
Power Dissipation... $P_D$		500		mW
Operating Temperature Range... $T_J$		-25 to 85		°C
Storage Temperature Range... $T_{STRG}$		-65 to 200		°C
<b>Electrical Characteristics</b>				
Maximum Forward Voltage... $V_F$ @ $I_F = 100$ mA		1.0		Volts
Maximum DC Reverse Current... $I_R$ @ Rated $V_R$		0.1		μAmps
Dynamic Forward Resistance... $R_F$		5.0		Ω
Maximum Diode Capacitance... $C_D$		5.0		pF
Typical Thermal Resistance... $R_{θJA}$		.35		K / mW
Maximum Reverse Recovery Time... $t_{RR}$		50		ns

