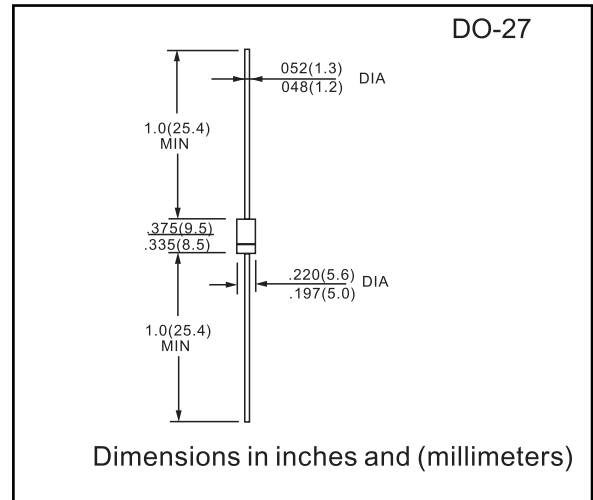




**FEATURES**

- Repetitive Peak Reverse Voltage
- Average Forward Current
- Peak One Cycle Surge Forward Current



**MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS**

MAXIMUM RATINGS

CHARACTERISTIC		SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	3BZ41	$V_{RRM}$	100	V
	3GZ41		400	
	3JZ41		600	
	3NZ41		1000	
Average Forward Current		$I_{F(AV)}$	3.0	A
Peak One Cycle Surge Forward Current		$I_{FSM}$	180(50Hz)	A
			200(60Hz)	
Junction Temperature		$T_j$	-40~150	°C
Storage Temperature Range		$T_{stg}$	-40~150	°C

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN	TYPE	MAX	UNIT
Peak Forward Voltage	$V_{FM}$	$I_{FM} = 3.0A$	—	—	1.2	V
Repetitive Peak Reverse Current	$I_{RRM} (1)$	$V_{RRM} = \text{Rated}$	—	—	30	uA
Thermal Resistance	$R_{th(j a)}$	DC	—	—	37	°C/W



RATINGS AND CHARACTERISTIC CURVES 3BZ41,3GZ41,3JZ41,3NZ41

