STANDARD RECTIFIER

1R5JZ61   600V   1.5A

MAXIMUM RATINGS

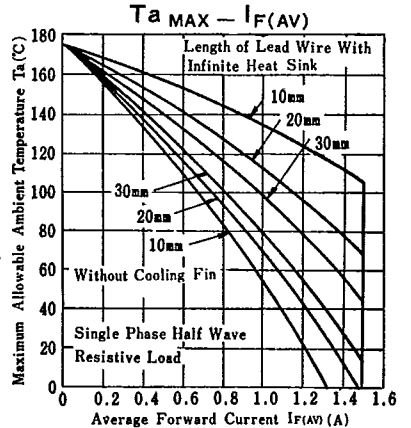| CHARACTERISTIC		SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	1R5BZ61	V_{RRM}	100	V
	1R5DZ61		200	
	1R5GZ61		400	
	1R5JZ61		600	
Average Forward Current		$I_{F(AV)}$	1.5	A
Peak One Cycle Surge Forward Current (Non-Repetitive)		I_{FSM}	75(50Hz)	A
			82(60Hz)	
Junction Temperature		T	−40~175	°C
Storage Temperature Range		T_{stg}	−40~175	°C

Unit in mm

TOSHIBA 3-5A1A
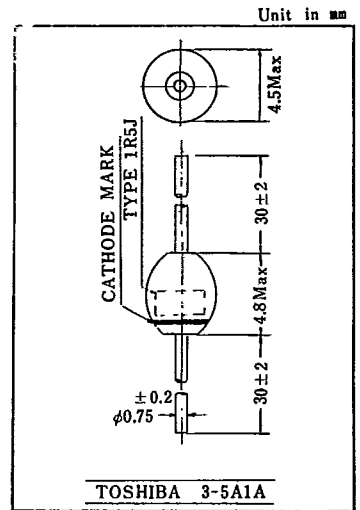
The beginning 4 characters of the type name printed for the type-indication.

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	V_{FM}	$I_{FM}=1.5A$, $T_j=25°C$	−	−	1.0	V
Repetitive Peak Reverse Current	I_{RRM}	$V_{RM}=$Rated, $T_j=25°C$	−	−	10	μA

Caution.: Lead wire temperature of any position especially closer than 10mm from the rectifier body must be kept with in 290°C for 5 sec. maximum during the time of mounting this rectifier.
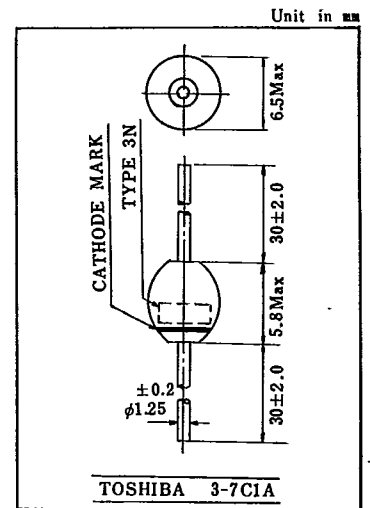
Lead Bending : 5 mm is the minimum to-be kept from the rectifier body when bend the lead wire.

$Ta_{MAX} - I_{F(AV)}$

3NZ61   1000V   3A

MAXIMUM RATINGS

CHARACTERISTIC		SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	3BZ61	V_{RRM}	100	V
	3DZ61		200	
	3GZ61		400	
	3JZ61		600	
	3LZ61		800	
	3NZ61		1000	
Average Forward Current		$I_{F(AV)}$	3	A
Peak One Cycle Surge Forward Current (Non-Repetitive)		I_{FSM}	100(50Hz)	A
			110(60Hz)	
Junction Temperature		T_j	−40~175	°C
Storage Temperaure Range		T_{stg}	−40~175	°C

Unit in mm

TOSHIBA 3-7C1A

The beginning 2 characters of the type name are printed for the type indication.

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	V_{FM}	$I_{FM}=3A$, $T_j=25°C$	−	−	1.0	V
Repetitive Peak Reverse Current	I_{RRM}	$V_{RM}=$Rated, $T_j=25°C$	−	−	10	μA

Caution : Lead wire temperature of any position especially closer than 10mm from the rectifier body must be kept within 290°C for 5 sec. maximum during the time of mounting this rectifier.

Lead Bending : 5 mm is the minimum to be kept from the rectifier body when bend the lead wire.

$Ta_{MAX} - I_{F(AV)}$