

1TH61 1500V 0.3A**MAXIMUM RATINGS**

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	1NH61	V _{RRM}	V
	1TH61		
Non Repetitive Peak Reverse Voltage (Non-Rep < 5ms) T _j = 0~125°C	1NH61	V _{RSM}	V
	1TH61		
Average Forward Current	I _{F(AV)}	0.3	A
Peak One Cycle Surge Forward Current (Non-Repetitive)	I _{FSM}	25(50Hz)	A
Junction Temperature	T _j	-40~125	°C
Storage Temperature Range	T _{stg}	-40~150	°C

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	V _{FM}	I _{FM} = 1.0A T _a = 25°C	—	—	3.0	V
Repetitive Peak Reverse Current	I _{RRM}	V _{RRM} = Rated, T _a = 25°C	—	—	10	μA
Reverse Recovery Time	t _{rr}	I _F = 20mA, I _R = 1mA, T _a = 25°C	—	—	6.0	μs

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.

