TOSHIBA SCHOTTKY BARRIER RECTIFIER STACK SCHOTTKY BARRIER TYPE

5GWJ2CZ47C

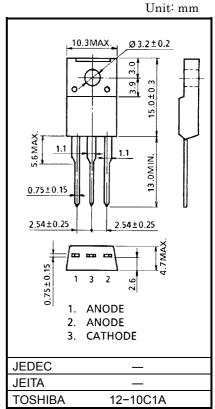
SWITCHING MODE POWER SUPPLY APPLICATION CONVERTER & CHOPPER APPLICATION

- Repetitive Peak Reverse Voltage $: V_{RRM} = 40V$
- Average Output Rectified Current : IO = 5A
- Low Switching Losses and Output Noise.

MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT	
Repetitive Peak Reverse Voltage	V _{RRM}	40	V	
Repetitive Peak Reverse Surge Voltage (Note 1)	V _{RRSM}	48	V	
Average Output Rectified Current	Ι _Ο	5	A	
Peak One Cycle Surge Forward Current (Sin Wave)	I _{FSM}	50 (50Hz)	А	
		55 (60Hz)		
Junction Temperature	Tj	-40~125	°C	
Storage Temperature Range	T _{stg}	-40~150	°C	
Screw Torque	_	0.6	N∙m	





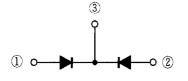
Weight: 2.0 g

ELECTRICAL CHARACTERISTICS (Ta = 25°C)

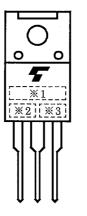
CHARACTERIST	IC	SYMBOL	TEST CONDITION	TYP.	MAX	UNIT
Peak Forward Voltage	(Note 2)	V _{FM}	I _{FM} = 2.5A	_	0.55	V
Repetitive Peak Reverse Current	(Note 2)	I _{RRM}	V _{RRM} = Rated		3.5	mA
Junction Capacitance	(Note 2)	Cj	V _R = 10V, f = 1.0MHz	100	_	pF
Thermal Resistance		R _{th (j−c)}	DC Total, Junction to Case		3.5	°C/W

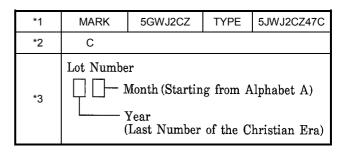
Note 2: A value of one cell.

POLARITY

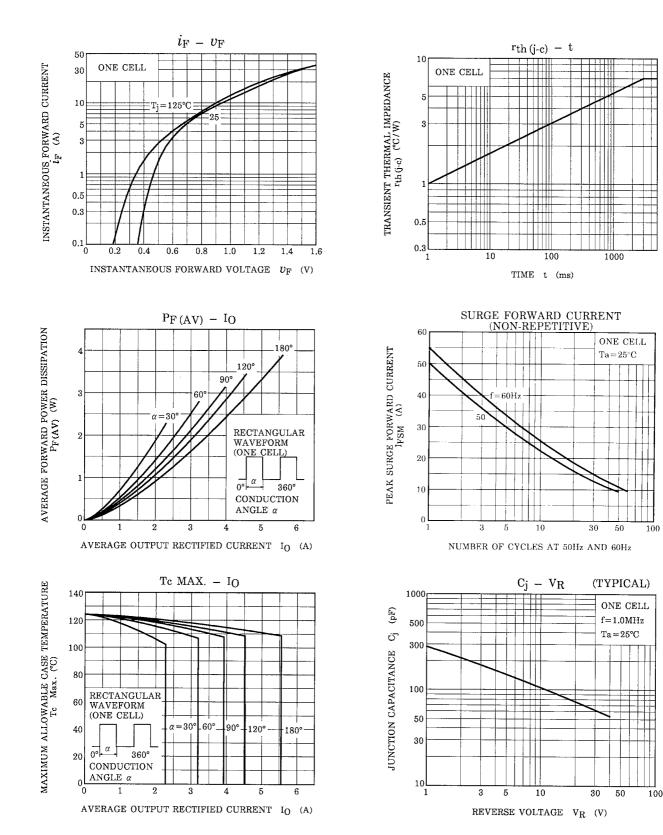


MARKING

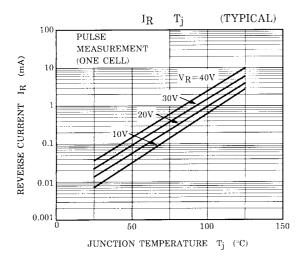


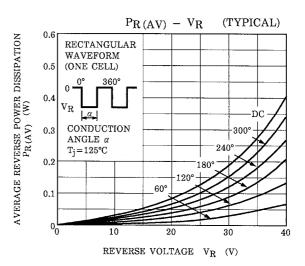


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