TOSHIBA SCHOTTKY BARRIER RECTIFIER SCHOTTKY BARRIER TYPE

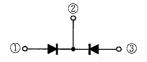
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SWITCHING MODE POWER SUPPLY APPLICATION CONVERTER & CHOPPER APPLICATION

• Average Output Rectified Current $: I_O = 1A$ • Repetitive Peak Reverse Voltage $: V_{RRM} = 40V$

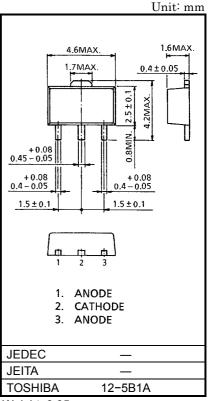
• Low Switching Losses and Output Noise.

POLARITY



MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT	
Repetitive Peak Reverse Voltage	V_{RRM}	40	V	
Average Output Rectified Current	Io	1	Α	
Peak One Cycle Surge Forward Current (Sine Wave)	I _{FSM}	15 (50Hz)	A	
		16.5 (60Hz)		
Junction Temperature	Tj	-40~125	°C	
Storage Temperature Range	T _{stg}	-40~150	°C	



Weight: 0.05g

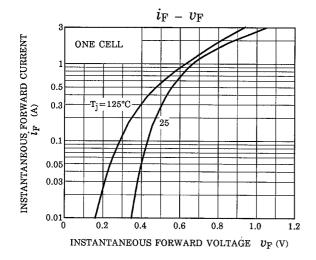
ELECTRICAL CHARACTERISTICS (Ta = 25°C)

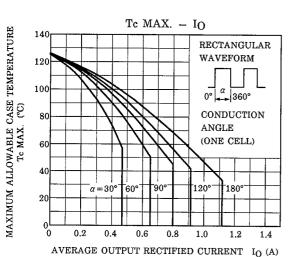
CHARACTERIST	ГІС	SYMBOL	TEST CONDITION	TYP.	MAX	UNIT
Peak Forward Voltage	(Note 1)	V_{FM}	I _{FM} = 0.5A	_	0.55	V
Repetitive Peak Reverse (Current (Note 1)	I _{RRM}	V _{RRM} = 40V	_	0.5	mA
Junction Capacitance	(Note 1)	Cj	V _R = 10V, f = 1MHz	25	_	pF
Thermal Resistance (Junction to Ambient)		R _{th (j−a)}	DC (250mm *0.8mm Ceramic)	_	125	°C/W

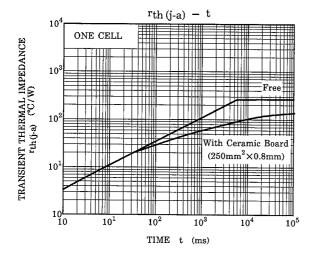
Note 1: A value of one cell.

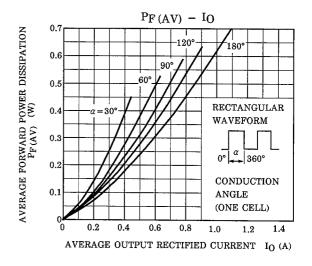
MARKING

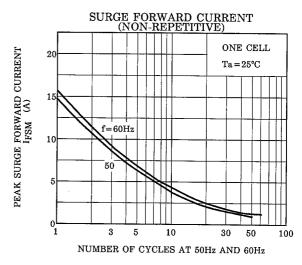


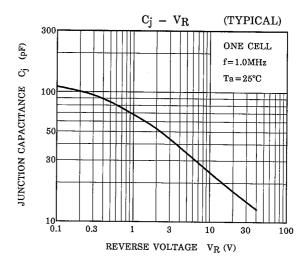




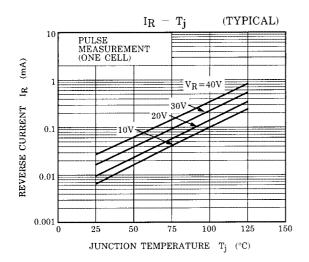


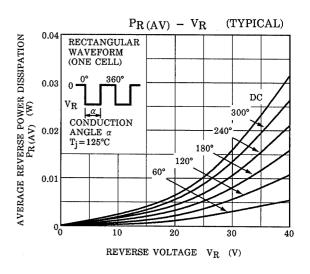






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