TOSHIBA SCHOTTKY BARRIER RECTIFIER SCHOTTKY BARRIER TYPE

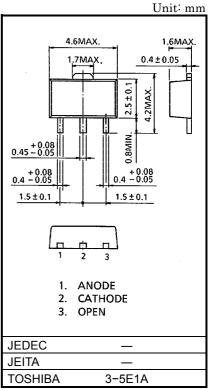
U1GWJ49

HIGH SPEED RECTIFIER APPLICATIONS

Average Forward Current : IF (AV) = 1.0A
 Low Forward Voltage : VFM = 0.55V (Max)

MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT	
Repetitive Peak Reverse Voltage	V_{RRM}	40	V	
Average Forward Current	I _{F (AV)}	1.0	Α	
Peak One Cycle Surge Forward Current (Non-Repetitive)	I _{FSM}	15 (50 Hz)	A	
		16.5 (60 Hz)		
Junction Temparature	Tj	-40~125	°C	
Storage Temparature Range	T _{stg}	-40~125	°C	

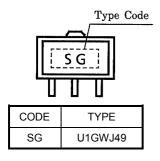


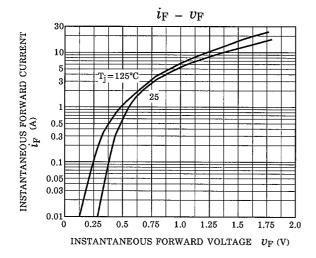
Weight: 0.05g

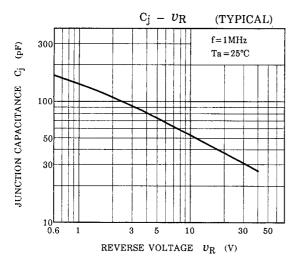
ELECTRICAL CHARACTERISTICS (Ta = 25°C)

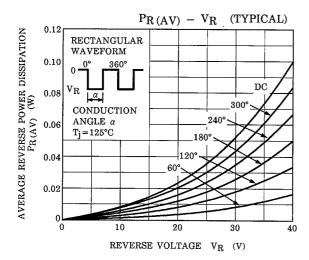
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN	TYP.	MAX	UNIT
Peak Forward Voltage	V_{FM}	I _{FM} = 1.0A	_	_	0.55	V
Repetitive Peak Reverse Current	I _{RRM}	V _{RRM} = 40V	_	_	0.5	mA
Junction Capacitance	Cj	V _R = 10V, f = 1MHz	_	50	_	pF
Thermal Resistance	R _{th (j−a)}	Junction to Ambient	_	_	125	°C/W

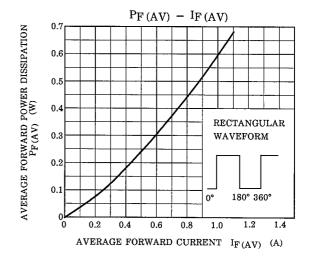
MARKING

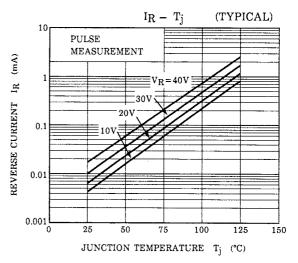












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