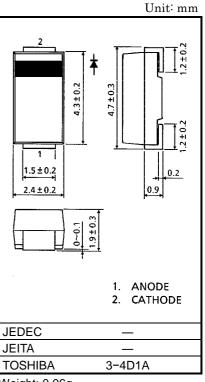
TOSHIBA SCHOTTKY BARRIER RECTIFIER SCHOTTKY BARRIER TYPE

U1FWJ44M

HIGH SPEED RECTIFIER APPLICATIONS

MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	V_{RRM}	30	V
Average Forward Current	I _{F (AV)}	1.0	Α
Peak One Cycle Surge Forward Current (Non-Repetitive)	I _{FSM}	20 (50Hz)	Α
Junction Temparature	Tj	-40~125	°C
Storage Temparature Range	T _{stg}	-40~125	°C

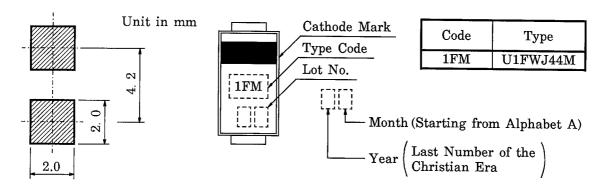


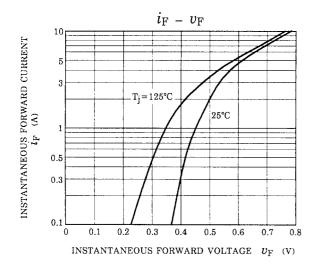
Weight: 0.06g

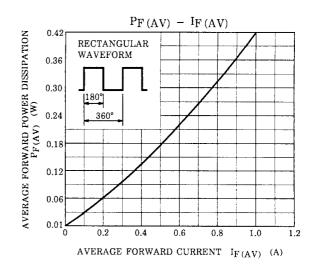
ELECTRICAL CHARACTERISTICS (Ta = 25°C)

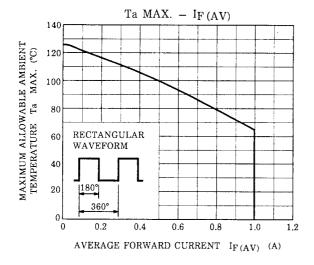
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN	TYP.	MAX	UNIT
Peak Forward Voltage	V_{FM}	I _{FM} = 1.0A	_	_	0.45	V
Repetitive Peak Reverse Current	I _{RRM}	V _{RRM} = 30V	-	_	0.5	mA
Junction Capacitance	Cj	V _R = 10V, f = 1MHz	_	60	_	pF

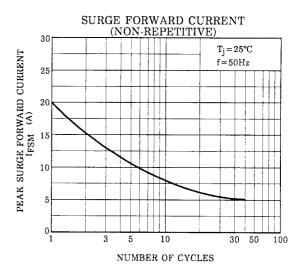
STANDARD SOLDERING PAD MARKING

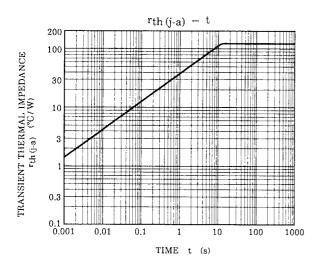


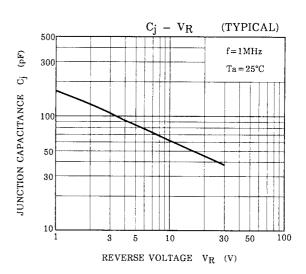




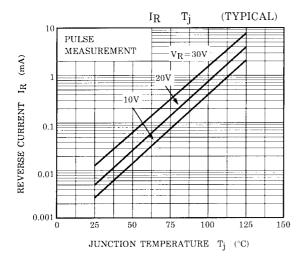


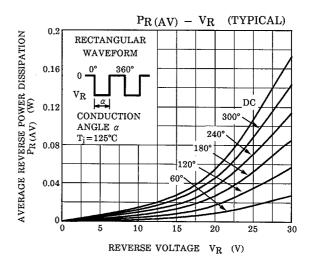






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