TOSHIBA RECTIFIER SILICON DIFFUSED TYPE

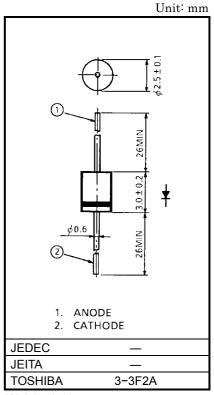
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HIGH SPEED RECTIFIER APPLICATIONS (FAST RECOVERY)

• Plastic Mold Type.

MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT	
Repetitive Peak Reverse Voltage	V_{RRM}	400	V	
Average Forward Current	I _{F (AV)}	1.0	Α	
Peak One Cycle Surge Forward Current (Non-Repetitive)	I _{FSM}	15 (50H _Z)	Α	
		17 (60H _Z)		
Junction Temperature Range	Tj	-40~150	°C	
Storage Temperature Range	T _{stg}	-40~150	°C	

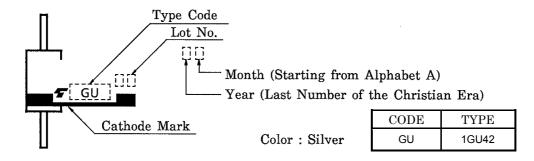


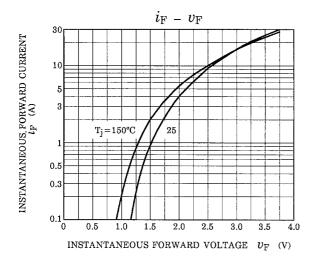
Weight: 0.18g

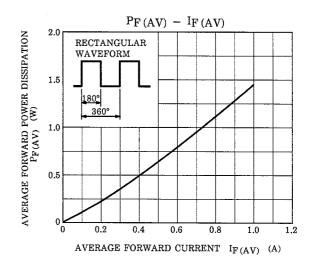
ELECTRICAL CHARACTERISTICS (Ta = 25°C)

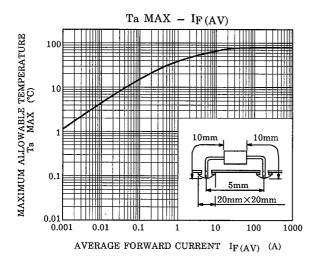
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN	TYP.	MAX	UNIT
Peak Forward Voltage	V_{FM}	I _{FM} = 1.0A	_	_	1.5	V
Repetitive Peak Reverse Current	I _{RRM}	V _{RRM} = 400V	_	_	50	μΑ
Reverse Recovery Time	t _{rr}	$I_F = 1.0A$, di / dt = -30A / μ s	_	_	100	ns
Forward Recovery Time	t _{fr}	I _F = 1.0A	_	_	250	ns

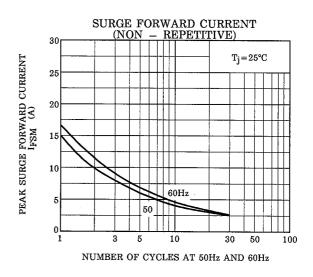
MARKING

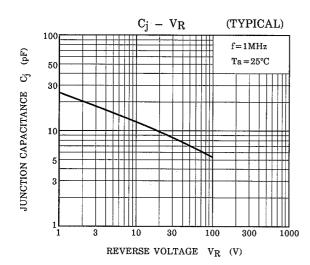




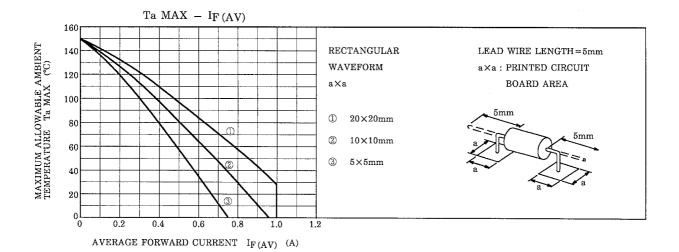


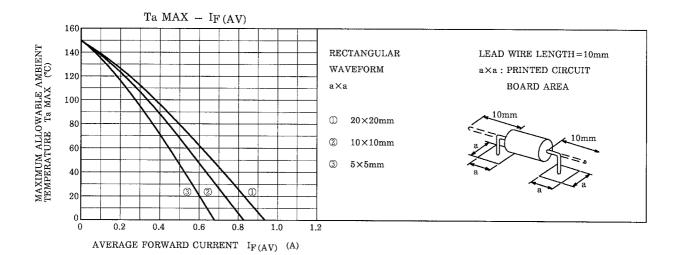






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