TOSHIBA SCHOTTKY BARRIER RECTIFIER STACK SCHOTTKY BARRIER TYPE

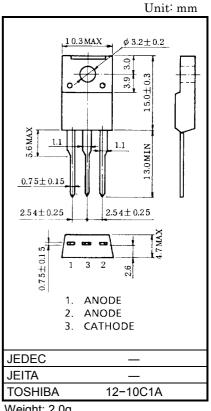
20FWJ2CZ47M

SWITCHING MODE POWER SUPPLY APPLICATION **CONVERTER & CHOPPER APPLICATION**

• Peak Forward Voltage $V_{FM} \le 0.47V$ • Repetitive Peak Reverse Voltage : V_{RRM} = 30V • Average Output Rectified Current : IO = 20A Low Switching Losses and Output Noise.

MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT	
Repetitive Peak Reverse Voltage	V_{RRM}	30	V	
Average Output Rectified Current	Io	20	Α	
Peak One Cycle Surge Forward	IFSM	200 (50H _Z)	Α	
Current (Sine Wave)		220 (60H _Z)		
Junction Temperature	Tj	-40~125	°C	
Storage Temperature Range	T _{stg}	-40~150	°C	
Screw Torque	_	0.6	N·m	



Weight: 2.0g

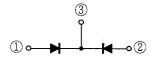
ELECTRICAL CHARACTERISTICS (Ta = 25°C)

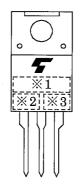
CHARACTERISTIC		SYMBOL	TEST CONDITION	TYP.	MAX	UNIT
Peak Forward Voltage	(Note 1)	V_{FM}	I _{FM} = 10A	_	0.47	V
Repetitive Peak Reverse Current (Note 1)		I _{RRM}	V _{RRM} = Rated	_	10	mA
Junction Capacitance	(Note 1)	C _j	V _R = 10V, f = 1.0MHz	680	_	pF
Thermal Resistance		R _{th (j−c)}	DC Total, Junction to Case	_	2.7	°C/W

Note 1: A value of one cell.

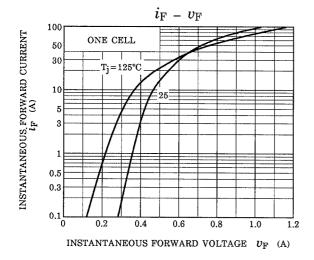
POLARITY

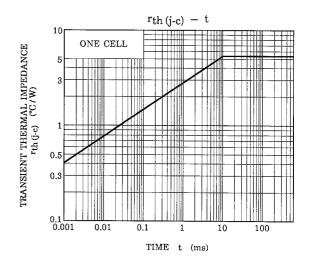
MARKING

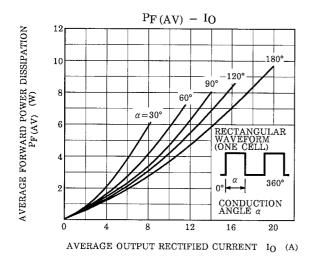


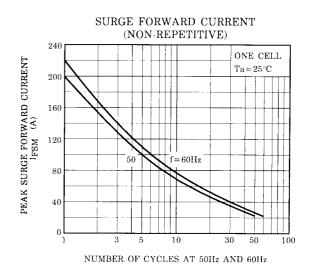


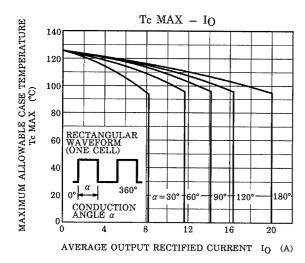
Γ	* 1	MARK	20FWJ2CZ	TYPE	20FWJ2CZ47M		
	* 2	М					
		Lot Number					
	* 3	3 Month (Starting from Alphabet A)					
		Year (Last Number of the Christian Era)					

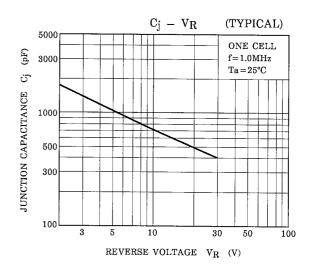


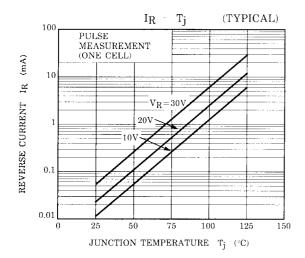


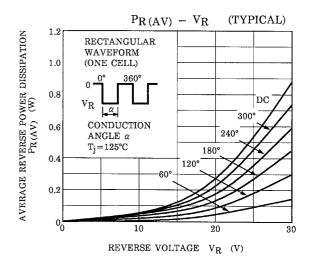












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