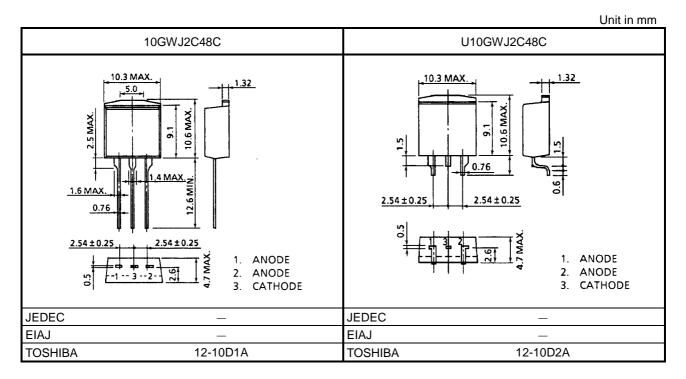
TOSHIBA SCHOTTKY BARRIER RECTIFIER STACK SCHOTTKY BARRIER TYPE

10GWJ2C48C,U10GWJ2C48C

SWITCHING MODE POWER SUPPLY APPLICATION CONVERTER & CHOPPER APPLICATION

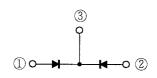
- Repetitive Peak Reverse Voltage :VRRM=40V
- Average Output Rectified Current :IO=10A
- Low Switching Losses and Output Noise.



MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT	
Repetitive Peak Reverse Voltage	VRRM	40	V	
Repetitive Peak Reverse Surge Voltage (Note 1)	VRRSM	48	V	
Average Output Rectified Current	IO	10	А	
Peak One Cycle Surge Forward Current (Sine Wave)	IFSM	100 (50Hz)	А	
		110 (60Hz)		
Junction Temparature	Тј	-40~125	°C	
Storage Temparature Range	T _{stg}	-40~150	°C	

POLARITY



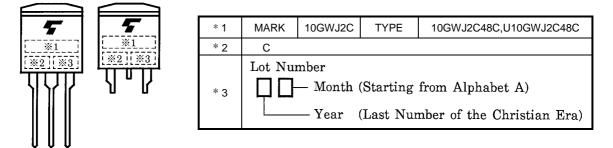
Note 1 : Pulse Width (t_w) \leq 500ns, duty (t_w / T) \leq 1 / 25

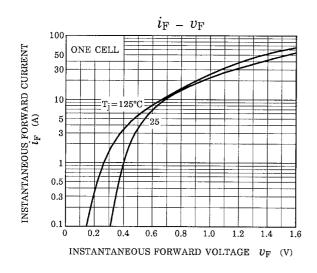
ELECTRICAL CHARACTERISTICS (Ta = 25°C)

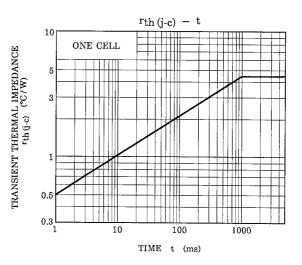
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	VFM	I _{FM} =5A	_	_	0.55	V
Repetitive Peak Reverse Current	IRRM	VRRM=Rated	_	_	3.5	mA
Junction Capacitance	Cj	V _R =10V, f=1.0MHz	_	195	_	pF
Thermal Resistance	R _{th} (j-c)	DC Total, Junction to Case	_	_	2.2	°C/W

V_{FM}, I_{RRM}, C_j : A Value of one cell.

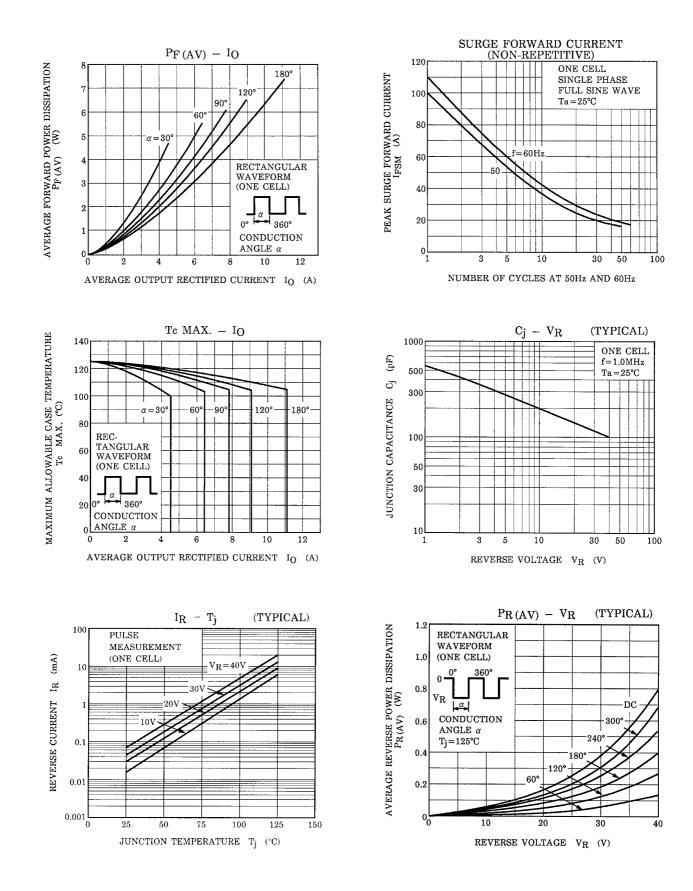
MARKING







TOSHIBA



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