查询U2JC44供应商 捷多邦，专业PCB打样工厂，24小时加急出货

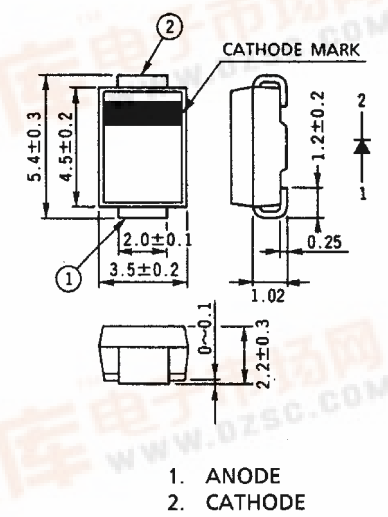
TOSHIBA SCHOTTKY BARRIER RECTIFIER SCHOTTKY BARRIER TYPE

U2BC44,U2GC44,U2JC44

GENERAL PURPOSE RECTIFIER APPLICATIONS

- Repetitive Peak Reverse Voltage : V_{RRM} = 100, 400, 600 V
- Average Forward Current : $I_{F\ (AV)}$ = 2.0 A
- Mini Plastic Mold Package

Unit: mm



JEDEC	—
JEITA	—
TOSHIBA	3-5F1A

Weight: 0.1g

MAXIMUM RATINGS (Ta = 25°C)

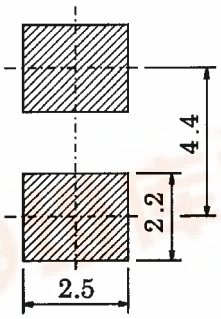
CHARACTERISTIC		SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	U2BC44	V_{RRM}	100	V
	U2GC44		400	
	U2JC44		600	
Average Forward Current	On Ceramic Substrate	$I_{F\ (AV)}$	2.0 (Ta = 45°C)	A
	On Glass-epoxy Substrate		1.3 (Ta = 25°C)	
Peak One Cycle Surge Forward Current (Non-Repetitive)		I_{FSM}	80 (50Hz)	A
			88 (60Hz)	
Junction Temparature Range		T_j	−40~150	°C
Storage Temparature Range		T_{stg}	−40~150	°C

ELECTRICAL CHARACTERISTICS (Ta = 25°C)

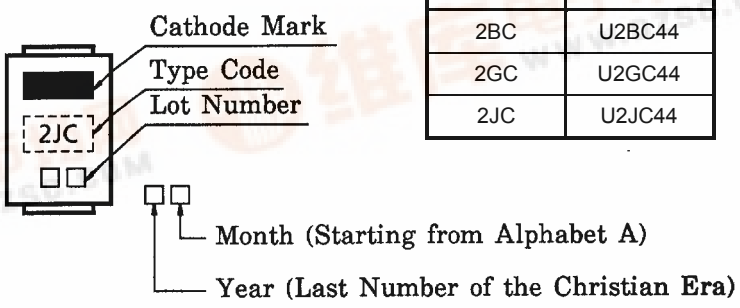
CHARACTERISTIC	SYMBOL	TEST CONDITION		MIN	TYP.	MAX	UNIT
Peak Forward Voltage	V_{FM}	I_{FM} = 2.0 A		—	—	1.2	V
Repetitive Peak Reverse Current	I_{RRM}	V_{RRM} = Rated		—	—	10	μA
Thermal Resistance	$R_{th\ (j-a)}$	DC	On ceramic substrate	—	—	50	°C / W
			On glass-epoxy substrate	—	—	110	

STANDARD SOLDERING PAD

Unit : mm



MARKING



CODE	TYPE
2BC	U2BC44
2GC	U2GC44
2JC	U2JC44

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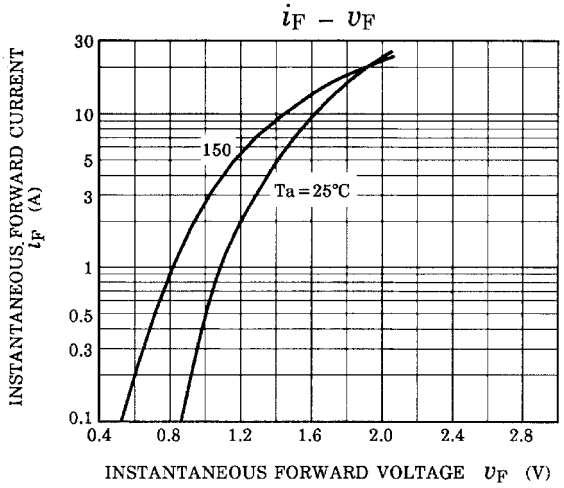
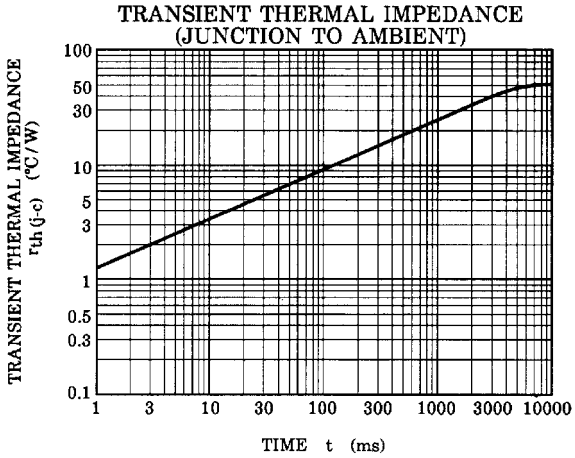
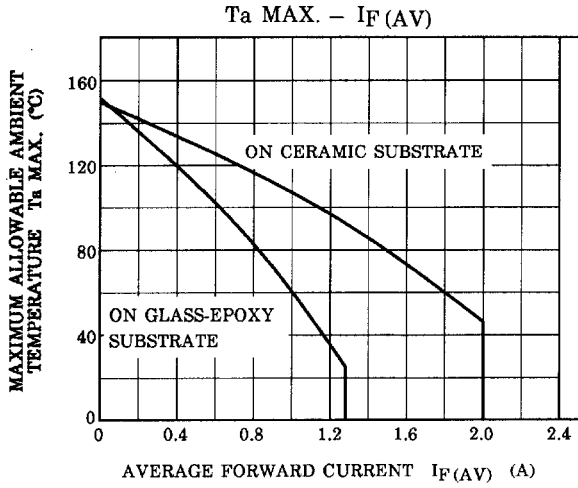
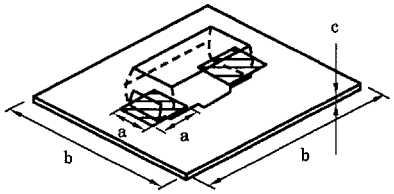
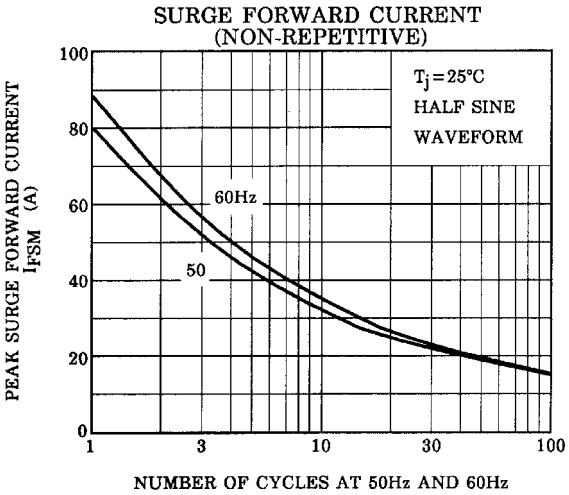






	ON CERAMIC SUBSTRATE	ON GLASS-EPOXY SUBSTRATE
Soldering land : a □	2.2×2.5mm	6mm□
Substrate size : b □	50mm□	50mm□
Substrate thickness : c □	0.64t	1.6t





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