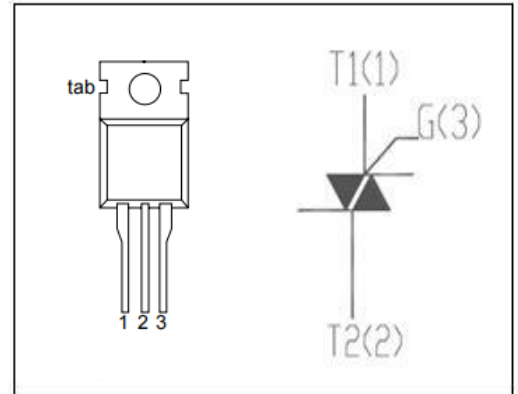


DESCRIPTION

- With TO-220 packaging
- Operating in 4 quadrants
- High commutation capability
- Minimum Lot-to-Lot variations for robust device performance and reliable operation

APPLICATIONS

- Switching applications
- Phase control
- Static switching on inductive or resistive load


ABSOLUTE MAXIMUM RATINGS (T_a=25°C)

SYMBOL	PARAMETER		MAX	UNIT
V _{DRM}	Repetitive peak off-state voltage		800	V
V _{RRM}	Repetitive peak reverse voltage		800	V
I _{T(RSM)}	Average on-state current		4	A
I _{TSM}	Surge non-repetitive on-state current	50HZ 60HZ	25 27	A
P _{G(AV)}	Average gate power dissipation (over any 20 ms period)		0.5	W
T _j	Operating junction temperature		-40~125	°C
T _{stg}	Storage temperature		-40~150	°C

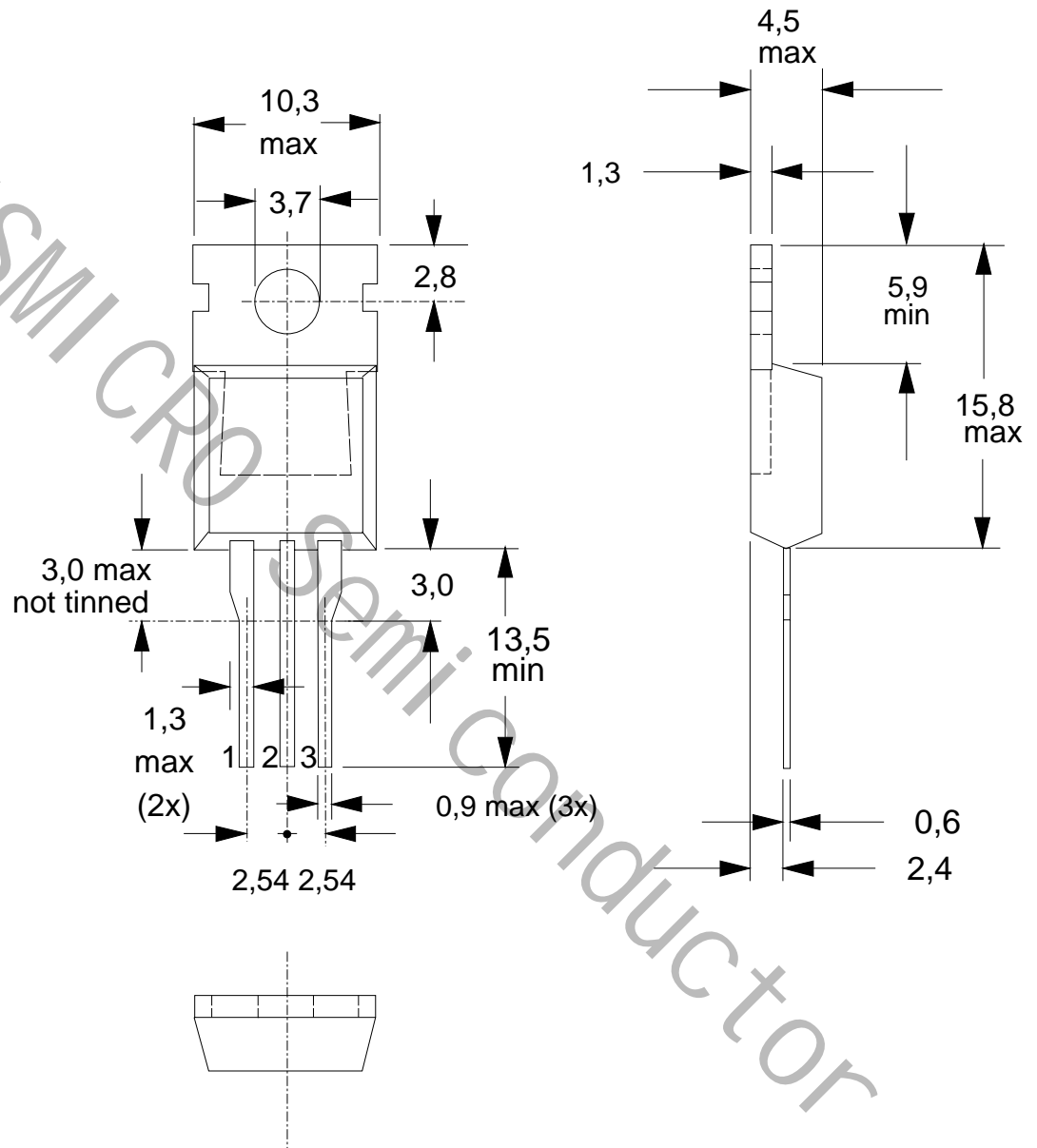
ELECTRICAL CHARACTERISTICS (T_c=25°C unless otherwise specified)

SYMBOL	PARAMETER	CONDITIONS		MIN	MAX	UNIT
I _{RRM}	Repetitive peak reverse current	V _R =V _{RRM} Rated; V _D =V _{DRM} Rated;	T _j =125°C		0.5	mA
I _{DRM}	Repetitive peak off-state current					
V _{TM}	On-state voltage	I _T =5A			1.7	V
I _{GT}	Gate-trigger current	V _D =12V; I _T =0.1A;	I		35	mA
			II		35	
			III		35	
			IV		70	
V _{GT}	Gate-trigger voltage	V _D =12V; I _T =0.1A;			1.5	V
R _{th (j-mb)}	Junction to mounting base	Half cycle			3.7	°C/W

PACKAGE OUTLINE

TO-220

Dimensions in mm



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Triacs](#) category:

Click to view products by [JSMSEMI](#) manufacturer:

Other Similar products are found below :

[BT137-600-0Q](#) [OT415Q](#) [2N6075A](#) [NTE5688](#) [BTA2008W-800D,135](#) [D31410](#) [ACS102-5T1](#) [ACS102-5TA](#) [MAC97A4G](#) [Z0107MAG](#)
[Z0107MARL1G](#) [Z0109MARLRPG](#) [MAC97A8-TA](#) [BT131W-800](#) [BT138S-800E](#) [BT137S-800E](#) [BT136S-600D](#) [BTA08-600TWRG](#)
[X0405MF-252](#) [MAC97A8-23-3L](#) [MCR100-8-23-3L](#) [BTA24-800B](#) [BT151-600R](#) [BT131](#) [BTA41-1200B](#) [MCR16](#) [MCR100-8](#) [MCR16](#)
[BT131-800D](#) [BT134-800E](#) [BT138-800E](#) [MCR100-8](#) [BTA12-800BWRG\(UMW\)](#) [BTA24-600BWRG\(UMW\)](#) [BTA24-800BWRG\(UMW\)](#)
[BTA12-600BWRG\(UMW\)](#) [BTA16-600CRG\(UMW\)](#) [BTA12-600CRG\(UMW\)](#) [BS61089B-8](#) [BT134W-600E](#) [BT134-600E](#) [JR0405S3](#)
[BCR12PM](#) [MAC97A6](#) [BTA24-800CRG\(UMW\)](#) [BTA16-600BRG\(UMW\)](#) [BTA16-800BWRG\(UMW\)](#) [Z0109-NN](#) [BTA41](#) [MCR100-8U](#)