

**M·C·C·**

Micro Commercial Components



Micro Commercial Components  
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## Features

- Lead Free Finish/RoHS Compliant (Note 1) ("P" Suffix designates RoHS Compliant. See ordering information)
- Low Forward Voltage Drop
- With TVS Characteristics
- Fast Switching Speed For High Efficiency
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1

## Maximum Ratings

- Marking: TFR602G
- Operating Temperature: -55°C to +150°C
- Storage Temperature: -55°C to +150°C

MCC Catalog Number	Maximum Recurrent Peak Reverse Voltage	Maximum RMS Voltage	Maximum DC Blocking Voltage
TFR602G	120V	84V	120V

## Electrical Characteristics @ 25°C Unless Otherwise Specified

Average Forward Current	$I_{F(AV)}$	6 A	$T_A = 55^\circ C$
Peak Forward Surge Current	$I_{FSM}$	250A	8.3ms, half sine
Maximum Instantaneous Forward Voltage	$V_F$	0.95V	$I_{FM} = 6.0A^*$ ; $T_A = 25^\circ C$
Maximum DC Reverse Current At Rated DC Blocking Voltage	$I_R$	5uA	$T_A = 25^\circ C$
Maximum Reverse Recovery Time TFR602G	$T_{rr}$	300ns	$I_F=0.5A$ , $I_R=1.0A$ , $I_{rr}=0.25A$
Reverse Peak pulse Current	$I_{ppm}$	5A	10/1000us waveform

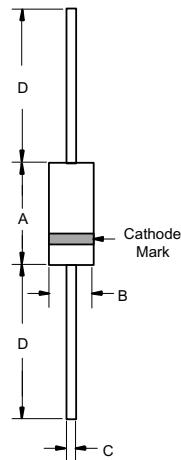
\*Pulse Test: Pulse Width 300μsec, Duty Cycle 1%

Notes: 1. High Temperature Solder Exemption Applied, see EU Directive Annex Notes 7.

**TFR602G**

**6 Amp Fast Recovery  
Rectifier 120 Volts**

**DO-201AD**



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.283	.374	7.20	9.50	
B	.189	.208	4.80	5.30	
C	.048	.052	1.22	1.32	
D	1.000	---	25.40	---	

## Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 1.2Kpcs/Reel

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