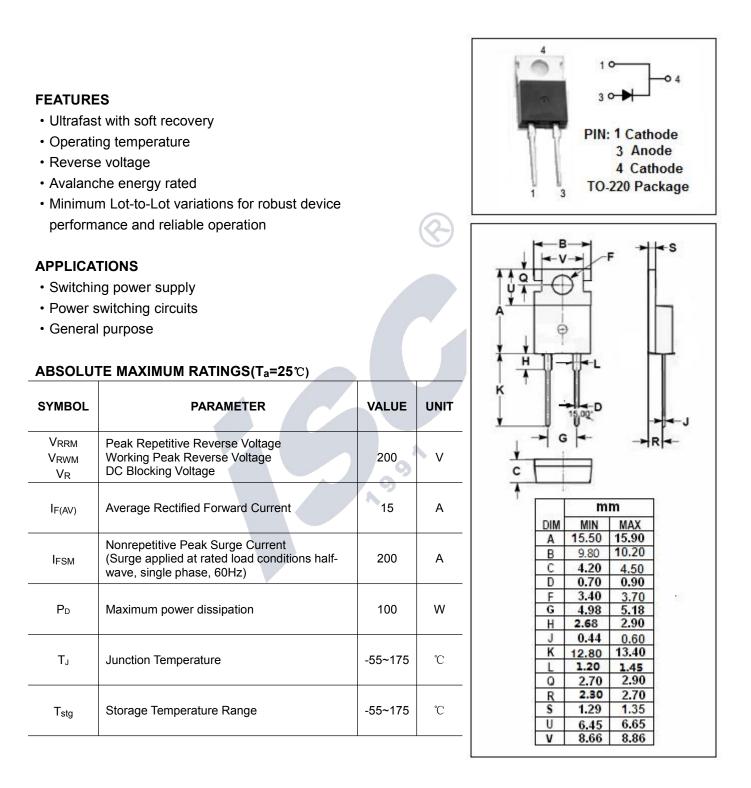


INCHANGE SEMICONDUCTOR

MUR1520G



INCHANGE SEMICONDUCTOR

Ultrafast Rectifier

MUR1520G

THERMAL CHARACTERISTICS

SYMBOL	PARAMETER	МАХ	UNIT
R _{th j-c}	Thermal Resistance, Junction to Case	1.5	°C/W

ELECTRICAL CHARACTERISTICS(Ta=25℃) (Pulse Test: Pulse Width=300 µ s,Duty Cycle≤2%)

SYMBOL	PARAMETER	CONDITIONS	МАХ	UNIT
VF	Maximum Instantaneous Forward Voltage	I _F =15A ;Tj=25 ℃ I _F = 15A ;Tj=150 ℃	1.05 0.85	V
I _R	Maximum Instantaneous Reverse Current	Vr= V _{rwm;} Tj=150°C Vr= V _{rwm}	500 10	μA
trr	Maximum Reverse Recovery Time	IF =1A;di/dt = 50A/µs	35	ns



NOTICE:

ISC reserves the rights to make changes of the content herein the datasheet at any time without notification. The information contained herein is presented only as a guide for the applications of our products.

ISC products are intended for usage in general electronic equipment. The products are not designed for use in equipment which require specialized quality and/or reliability, or in equipment which could have applications in hazardous environments, aerospace industry, or medical field. Please contact us if you intend our products to be used in these special applications. ISC makes no warranty or guarantee regarding the suitability of its products for any particular purpose, nor does ISC assume any liability arising from the application or use of any products, and specifically disclaims any and all liability, including without limitation special, consequential or incidental damages.