Voltage Multipliers, Inc
8711 W. Roosevelt Ave.
Visalia, CA 93291

REVISION STATUS OF SHEETS						
SHT	1	2	3			
REV	A	–	–			

P/N: **M180UFG**

REV: **A**

SHEET: **1** SCALE: **1 : 1**

ECO: **7699**

TITLE: **HIGH VOLTAGE RECTIFIER**

ORIGINAL RELEASE

DRN BY: CG

APPR: SP DATE: 2–13–04

ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

PART NUMBER	WORKING REVERSE VOLTAGE (Vrwm)	AVERAGE RECTIFIED CURRENT (Io)		REVERSE CURRENT @ Vrwm (Ir)		FORWARD VOLTAGE (Vf)		1 CYCLE SURGE CURRENT tp=8.3ms (Ifsm)	REPETITIVE SURGE CURRENT (Ifrm)	REVERSE RECOVERY TIME (3) (Trr)	THERMAL IMPD. $\theta_{(J-L)}$			JUNCTION CAP. @ 50VDC @ 1kHZ (Cj)
		55°C(1)	100°C(2)	25°C	100°C	25°C		25°C	25°C	25°C	D=0	D=.125	D=.250	25°C
	Volts	mA	mA	µA	µA	Volts	mA	Amps	Amps	ns	°C/W	°C/W	°C/W	pF
M180UFG	18000	10	5	0.1	10	35.0	10	1.0	0.2	100	33	45	65.0	0.5

(1) TL=55°C L=0.375" (2) TL=100°C L=0.375" (3) If=12.5mA Ir=25mA Irr=6.3mA *Op. Temp.= −65°C to +175°C Stg. Temp.= −65°C to +200°C

PHYSICAL CHARACTERISTICS

MARKINS

VMI
M180UFG
D/C