



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

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

M180UFG

REV: **A**

P/N:

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 (V _{rwm})	AVERAGE RECTIFIED CURRENT (I _o)		REVERSE CURRENT @ V _{rwm} (I _r)		FORWARD VOLTAGE (V _f)		1 CYCLE SURGE CURRENT t _p =8.3ms (I _{fsm})	REPETITIVE SURGE CURRENT (I _{frm})	REVERSE RECOVERY TIME (3) (T _{rr})	THERMAL IMPD. $\theta_{(j-l)}$			JUNCTION CAP. @ 50VDC @ 1kHz (C _j)
		55°C(1)	100°C(2)	25°C	100°C	25°C					D=0	D=.125	D=.250	
		Volts	mA	mA	µA	µA	Volts				mA	Amps	Amps	
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) I_f=12.5mA I_r=25mA I_{rr}=6.3mA *Op. Temp.= -65°C to +175°C Stg. Temp.= -65°C to +200°C

PHYSICAL CHARACTERISTICS

MARKINS

◀
VMI
M180UFG
D/C

NOTES:

BODY OVERCOATED WITH BLACK COLOR AND IDENTIFIED WITH PART NUMBER USING WHITE COLOR.

