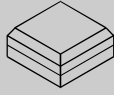


**D60FF06 D60U06
D60FF08 D60U08
D60U10**

**600 V - 1,000 V Rectifiers
0.80 A Forward Current
30 ns - 70 ns Recovery Time**



ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rw})	Average Rectified Current (I _o)		Reverse Current @ V _{rw} (I _r)		Forward Voltage (V _f)		1 Cycle Surge Current tp=8.3ms (I _{fsm})	Repetitive Surge Current (I _{frm})	Reverse Recovery Time (3) (T _{rr})	Thermal Impd. θ_{J-C}	Junction Cap. @50VDC @1kHz (C _j)
		55°C(1)	100°C(2)	25°C	100°C	25°C	25°C	25°C	25°C	25°C	25°C	25°C
	Volts	Amps	Amps	μ A	μ A	Volts	Amps	Amps	Amps	ns	°C/ W	pF
D60FF06	600	0.80	0.40	1.0	20	3.0	0.40	12	2.0	30	2	16
D60FF08	800	0.80	0.40	1.0	20	3.5	0.40	12	2.0	30	2	16
D60U06	600	0.80	0.40	1.0	20	1.7	0.40	12	2.0	70	2	16
D60U08	800	0.80	0.40	1.0	20	1.7	0.40	12	2.0	70	2	16
D60U10	1000	0.80	0.40	1.0	20	1.7	0.40	12	2.0	70	2	16

(1) TC=55°C (2)TC=100°C (3)I_f=125mA, I_r=250mA, I_{rr}=63mA *Op. Temp.= -65°C to +175°C Stg. Temp.= -65°C to +200°C

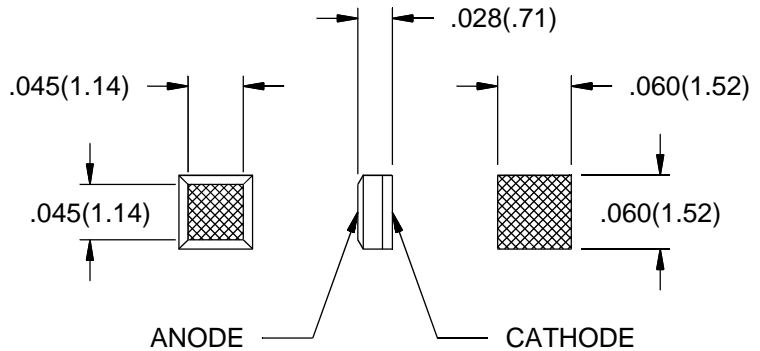
Plating:

Option 1:

50µin gold over 50µin nickel.

Option 2:

50µin silver over 50µin nickel.



Scale: 6 : 1

Dimensions: In. (mm) • All temperatures are ambient unless otherwise noted. • Data subject to change without notice.



VOLTAGE MULTIPLIERS INC.
8711 W. Roosevelt Ave.
Visalia, CA 93291

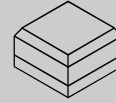
TEL 559-651-1402
FAX 559-651-0740
www.voltagemultipliers.com

1,000 V - 1,800 V Rectifiers

0.40 A Forward Current

30 ns - 70 ns Recovery Time

D60FF10R
D60FF18R
D60U18R



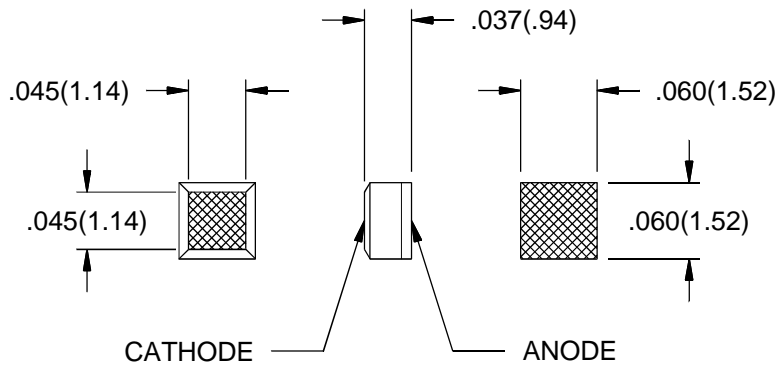
ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

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. θ _{J-C}	Junction Cap. @50VDC @1kHz (C _j)
		55°C(1)	100°C(2)	25°C	100°C	25°C	25°C	25°C	25°C	25°C	25°C	25°C
	Volts	Amps	Amps	µA	µA	Volts	Amps	Amps	Amps	ns	°C/ W	pF
D60FF10R	1000	0.40	0.20	1.0	20	4.5	0.20	8	1.5	30	2.5	8
D60FF18R	1800	0.40	0.20	1.0	20	4.5	0.20	8	1.5	30	2.5	8
D60U18R	1800	0.40	0.20	1.0	20	3.0	0.20	8	1.5	70	2.5	8

(1) TC=55°C (2)TC=100°C (3)I_f=125mA, I_r=250mA, I_{rr}=63mA *Op. Temp.= -65°C to +175°C Stg. Temp.= -65°C to +200°C

7

Plating:
 Option 1:
 50µin gold over 50µin nickel.
 Option 2:
 50µin silver over 50µin nickel.



Scale: 6 : 1



Dimensions: In. (mm) • All temperatures are ambient unless otherwise noted. • Data subject to change without notice.



VOLTAGE MULTIPLIERS INC.
 8711 W. Roosevelt Ave.
 Visalia, CA 93291

TEL 559-651-1402
 FAX 559-651-0740
 www.voltagemultipliers.com