查询HFM308供应商



捷多邦,专业PCB打样工

HEM308

SURFACE MOUNT GLASS PASSIVATED HIGH EFFICIENCY SILICON RECTIFIER

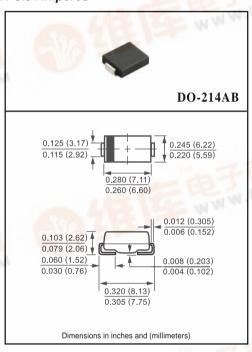
VOLTAGE RANGE 50 to 1000 Volts CURRENT 3.0 Amperes

FEATURES

- * Glass passivated device
- * Ideal for surface mounted applications
- * Low leakage current
- * Metallurgically bonded construction
- * Mounting position: Any
- * Weight: 0.24 gram

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25 °C ambient temperature unless otherwise specified. Single phase, half wave, 60 Hz, resistive or inductive load. For capacitive load, derate current by 20%.



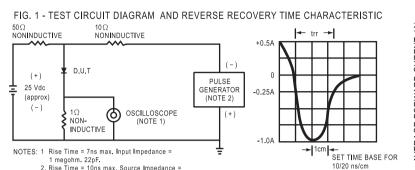
MAXIMUM RATINGS (At TA = 25°C unless otherwise noted)

RATINGS	SYMBOL	HFM301	HFM302	HFM303	HFM304	HFM305	HFM306	HFM307	HFM308	UNITS
Maximum Recurrent Peak Reverse Voltage	VRRM	50	100	200	300	400	600	800	1000	Volts
Maximum RMS Volts	VRMS	35	70	140	210	280	420	560	700	Volts
Maximum DC Blocking Voltage	VDC	50	100	200	300	400	600	800	1000	Volts
Maximum Average Forward Current at TA = 50°C	lo	WO.	3.0							Amps
Peak Forward Surge Current 8.3 ms single half sine-wave superimposed on rated load (JEDEC method)	IFSM	200					150			Amps
Typical Junction Capacitance (Note 2)	Cu	70 50						рF		
Operating and Storage Temperature Range	TJ, TSTG	-65 to + 175								°C

ELECTRICAL CHARACTERISTICS (At TA = 25°C unless otherwise noted)

	· · · · · · · · · · · · · · · · · · ·											
	CHARACTERISTICS		SYMBOL	HFM301	HFM302	HFM303	HFM304	HFM305	HFM306	HFM307	HFM308	UNITS
	Maximum Forward Voltage at 3.0A DC		VF	1.0		1.	.3		1.7		Volts	
3)	Maximum Full Load Reverse Current, Full cycle Average Ta=55°C			50							uAmps	
	Maximum DC Reverse Current at	@TA = 25°C	lR	10								uAmps
7	Rated DC Blocking Voltage	@TA = 125°C		150								uAmps
70	Maximum Reverse Recovery Time (Note 1)		trr	50						75		nSec

RATING AND CHARACTERISTIC CURVES (HFM301 THRU HFM306)



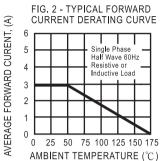


FIG. 3 - TYPICAL REVERSE CHARACTERISTICS

2. Rise Time = 10ns max. Source Impedance =

