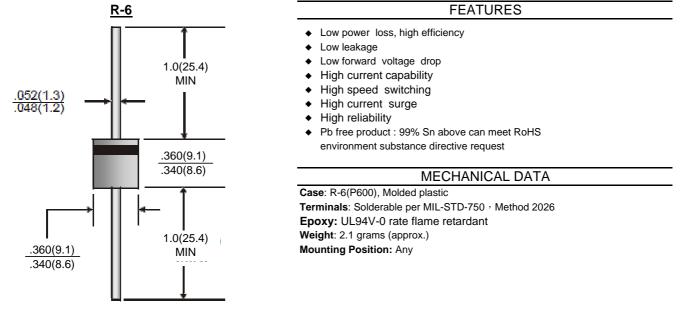


HER601G THRU HER608G

HIGH EFFICIENCY GLASS PASSIVATED RECTIFIER

Reverse Voltage - 50 to 1000 Volts Forward Current -6.0 Ampere



Dimensions in inches and (millimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25℃ ambient temperature unless otherwis e specified.

Single phase half-wave 60Hz, resistive or inductive load, for capacitive load current derate by 20%.

PARAMETER	SYMBOLS	HER 201G	HER 202G	HER 203G	HER 205G	HER 206G	HER 207G	HER 208G	UNITS
Maximum repetitive peak reverse voltage	V _{RRM}	50	100	200	400	600	800	1000	Volts
Maximum RMS voltage	V _{RMS}	35	70	140	280	420	560	700	Volts
Maximum DC blocking voltage	V _{DC}	50	100	200	400	600	800	1000	Volts
Average Rectified current at $T_A = 55$ °C	I _(AV)	6						Amp	
Non-repetitive Peak Forward Surge Current 8.3ms single half sine-wave superimposed on rated load (JEDEC Method)	I _{FSM}	200						Amps	
Maximum Forward Voltage at IF=6.0/	V _F	1.0 1.3		1.5	1.7		Volts		
Maximum DC reverse current at T _A =25℃ at rated DC blocking voltage	I _R	10.0						μA	
Maximum reverse recovery time (NOTE 1)	t _{rr}	50			75			nS	
Typical Junction Capacitance (NOTE 2)	CJ	100			65			pF	
Operating Junction & Storage Temperature Range	$T_{J,} T_{STG}$	-65 to +150						ĉ	

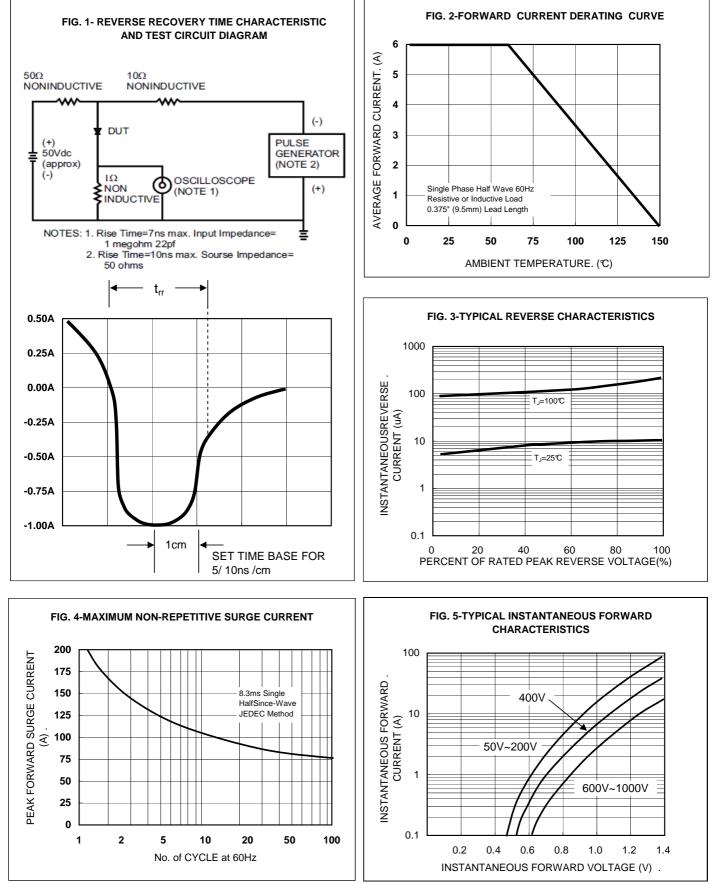
Note: 1. Reverse recovery condition IF=0.5A,IR=1.0A,Irr=0.25A

2. Measured at 1MHz and applied reverse voltage of 4.0V D.C.



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RATINGS AND CHARACTERISTIC CURVES



GOOD ELECTRONIC CO., LTD