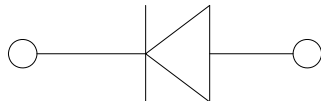
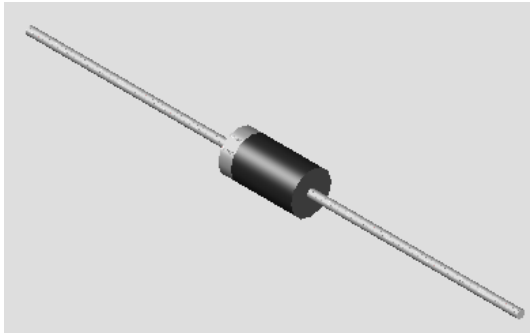




High Efficient Rectifier



Features

- High efficiency
- High current capability
- High Reliability

■Maximum Ratings (Ta=25°C Unless otherwise specified)

PARAMETER	SYMBOL	UNIT	HER301 G	HER302 G	HER303 G	HER304 G	HER305 G	HER306 G	HER307 G	HER308 G
Device marking code			HER301 G	HER302 G	HER303 G	HER304 G	HER305 G	HER306 G	HER307 G	HER308 G
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	V	50	100	200	300	400	600	800	1000
Maximum RMS Voltage	V_{RMS}	V	35	70	140	210	280	420	560	700
Maximum DC blocking Voltage	V_{DC}	V	50	100	200	300	400	600	800	1000
Average Forward Current @60Hz sine wave, Resistance load, Ta=50	$I_{F(AV)}$	A	3.0							
Forward Surge Current (Non-repetitive) @60Hz Half Cycle Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	I_{FSM}	pF	65		43			35		

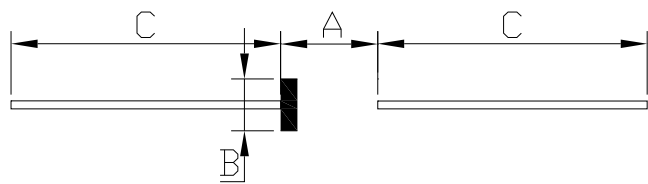
Storage Temperature	T_{stg}		-55 ~ +150		

T

Maximum DC reverse current at rated DC blocking voltage per diode	I_R	μA	$T_j = 25$	2.5	
			$T_j = 125$	100	
Maximum reverse recovery time	t_{rr}	ns	$I_F = 0.5A, I_R = 1.0A,$ $I_R = 0.25A$	50	75



■ Outline Dimensions



DO-201AD(DO-27)		
Dim	Min	Max
A	8.50	9.50
B	5.00	5.60
C	25.4	/
D	1.20	1.30



HER301G THRU HER308G

Disclaimer

The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design.