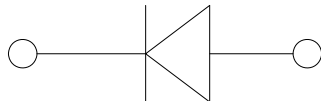
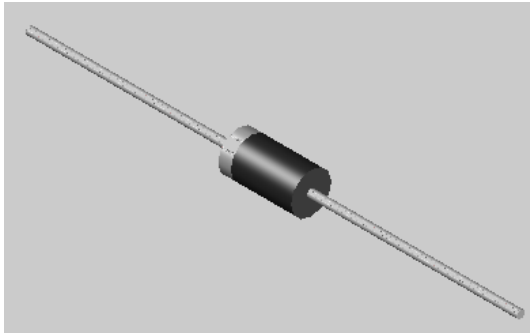




High Efficient Rectifier



Features

- High efficiency
- High current capability
- High Reliability

■Maximum Ratings (Ta=25 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)
N

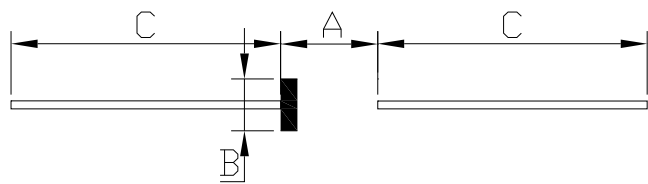
			-55 ~ +150		

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

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