

Maximum Ratings (@T_A = +25°C, unless otherwise specified.)

Single phase, half wave, 60Hz, resistive or inductive load.

Characteristic	Symbol	HD01	HD02	HD04	HD06	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	V _{RMM} V _{RWM} V _{DC}	100	200	400	600	V
RMS Reverse Voltage	V _{RMS}	70	140	280	420	V
Average Forward Rectified Current (Note 4) @T _A = +40°C	lo	0.8			Α	
Non-Repetitive Peak Forward Surge Current, 8.3ms Single Half Sine-Wave Superimposed on Rated Load	I _{FSM}	30			А	

Thermal Characteristics

Symbol	Value	Unit
R _{0JA}	75	°C/W
Tj, Tstg	-55 to +150	°C
	R ₀ JA	R ₀ JA 75

Electrical Characteristics (@T_A = +25°C, unless otherwise specified.)

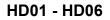
Characteristic	Symbol	Value	Unit
Instantaneous Voltage Drop @ 0.4A (Per Element)	VF	1.0	V
Peak Reverse Current at Rated @T _A = +25°C		5.0	uА
DC Blocking Voltage (Per Element) @T _A = +125°C	IR	500	μΑ
Typical Total Capacitance (Per Element) (Note 5)	CT	10	pF

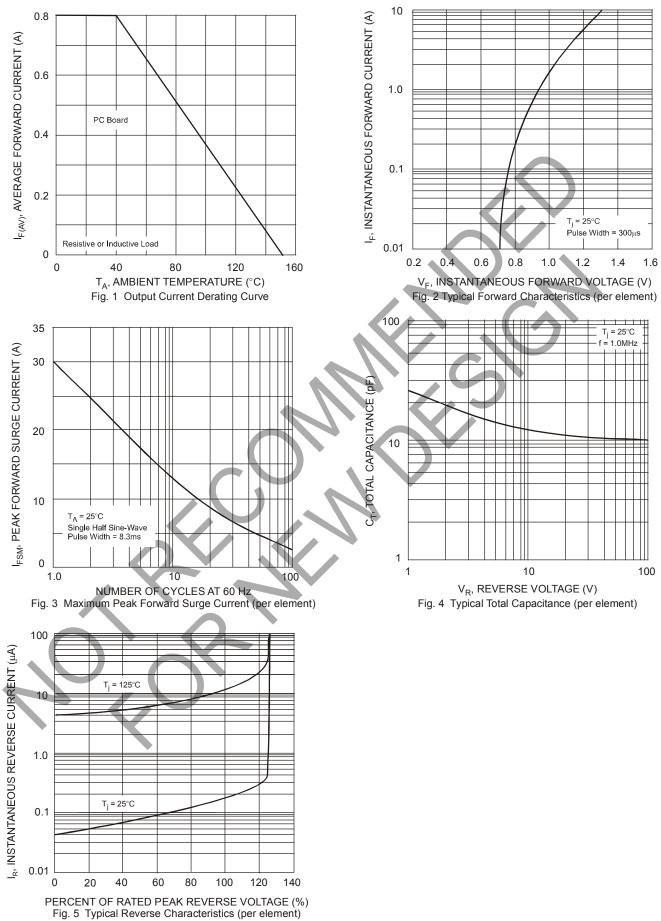
Notes:

Mounted on PC Board.
Measured at 1.0MHz and applied reverse voltage of 4.0V.

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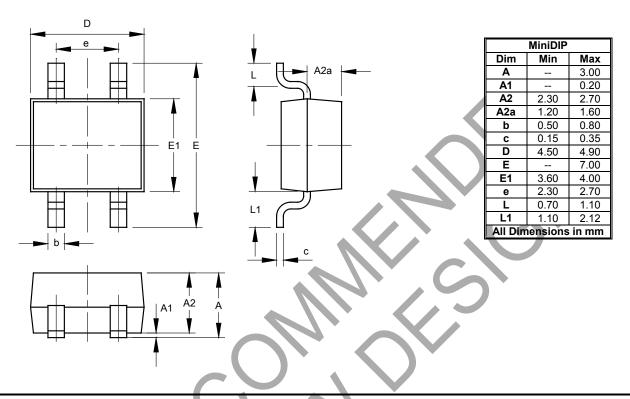






Package Outline Dimensions

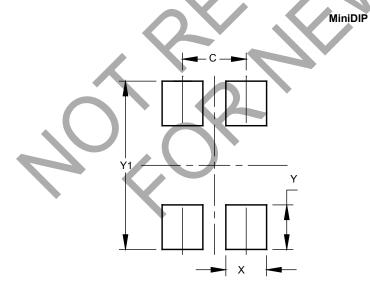
Please see http://www.diodes.com/package-outlines.html for the latest version.



MiniDIP

Suggested Pad Layout

Please see http://www.diodes.com/package-outlines.html for the latest version.



Dimensions	Value (in mm)	
С	2.50	
Х	1.65	
Y	1.80	
Y1	6.80	



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