D	

& ' / Descriptions

0.8A MBS
0.8A Surface Mount Glass Passivated Bridge Rectifier, MBS package.

( ) / Features

100V~1000V 0.8A

Glass Passivated Chip Junction, Reverse Voltage:100to1000V, Forward Current:0.8 A, High Surge Current Capability, Designed for Surface Mount Application.Halogen free product.

* + / Applications

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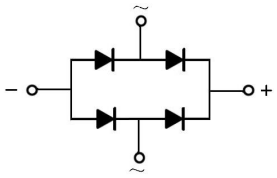
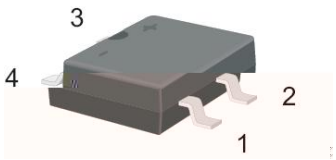
General purpose.

, - . / 0 1 / Equivalent Circuit



2 3 4 5 / Pinning





" # $ % / Marking

See Marking Instructions.

Parameter	Symbol	Rating						Unit
		MB1S	MB2S	MB4S	MB6S	MB8S	MB10S	
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	100	200	400	600	800	1000	V
Maximum RMS voltage	V_{RMS}	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	V_{DC}	100	200	400	600	800	1000	V
Average Rectified Output Currentat T_a = 50℃	I_o	0.8						A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	I_{FSM}	30						A
Typical Junction Capacitance (Note1)	C_j	13						pF
Typical Thermal Resistance (Note2)	$R_{\theta JA}$	95						℃/W
Typical Thermal Resistance (Note2)	$R_{\theta JL}$	30						℃/W
Operating and Storage Temperature Range	T_j,T_{stg}	-55~+150						℃

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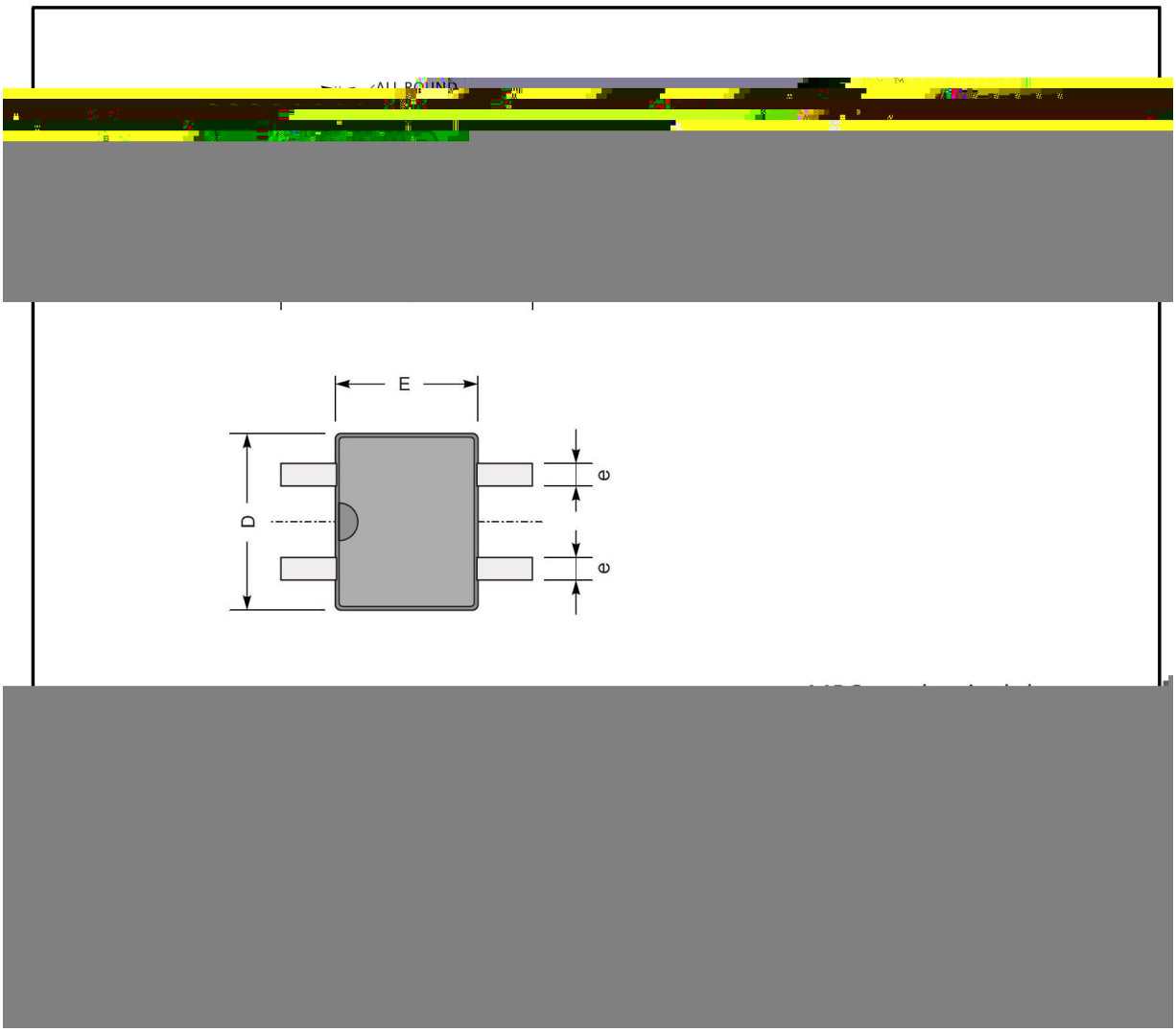
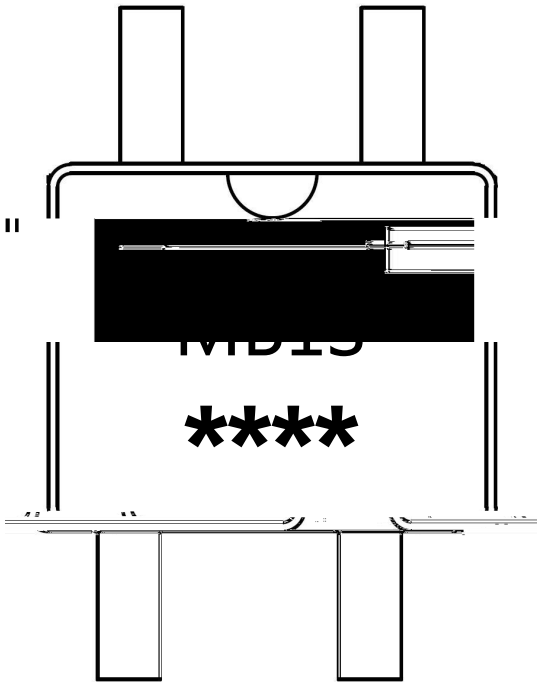
MB1S~MB10S
Rev.E

@ A B C ? / Package Dimensions

MBS



" # D E / Marking Instructions



**** F F

Note:

Product Type Code

**** Lot No. Code The 1st F means:YM Code The last 3 F means:little Lot No Code

MB1S~MB10S
Rev.E Nov.-2020