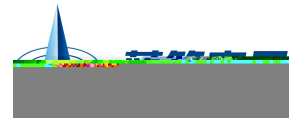


	! " #	\$! % & ,	! () % * +	, -	. /
D	2017-5				
E	2020-11-28	7	0 1 2 3 4 5 5 6 30000 7 8 9 : ; 7 6 42000 7 13" ×15 : ; 13" ×12	= >	? @ A

MB1S~MB10S

Rev.E Nov.-2020



DATA SHEET

& ' / Descriptions

0.8A

MBS

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

() / Features

100V~1000V

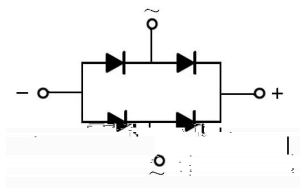
0.8A

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

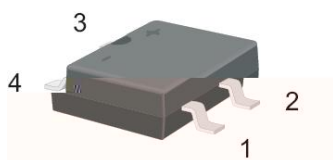
* + / Applications

General purpose.

, - . / 0 1 / Equivalent Circuit

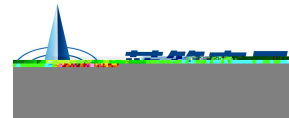


2 3 4 5 / Pinning



" # \$ % / 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 Current at $T_a = 50^\circ\text{C}$	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						$^\circ\text{C/W}$
Typical Thermal Resistance ^(Note2)	$R_{\theta JL}$	30						$^\circ\text{C/W}$
Operating and Storage Temperature Range	T_j, T_{stg}	-55~+150						$^\circ\text{C}$

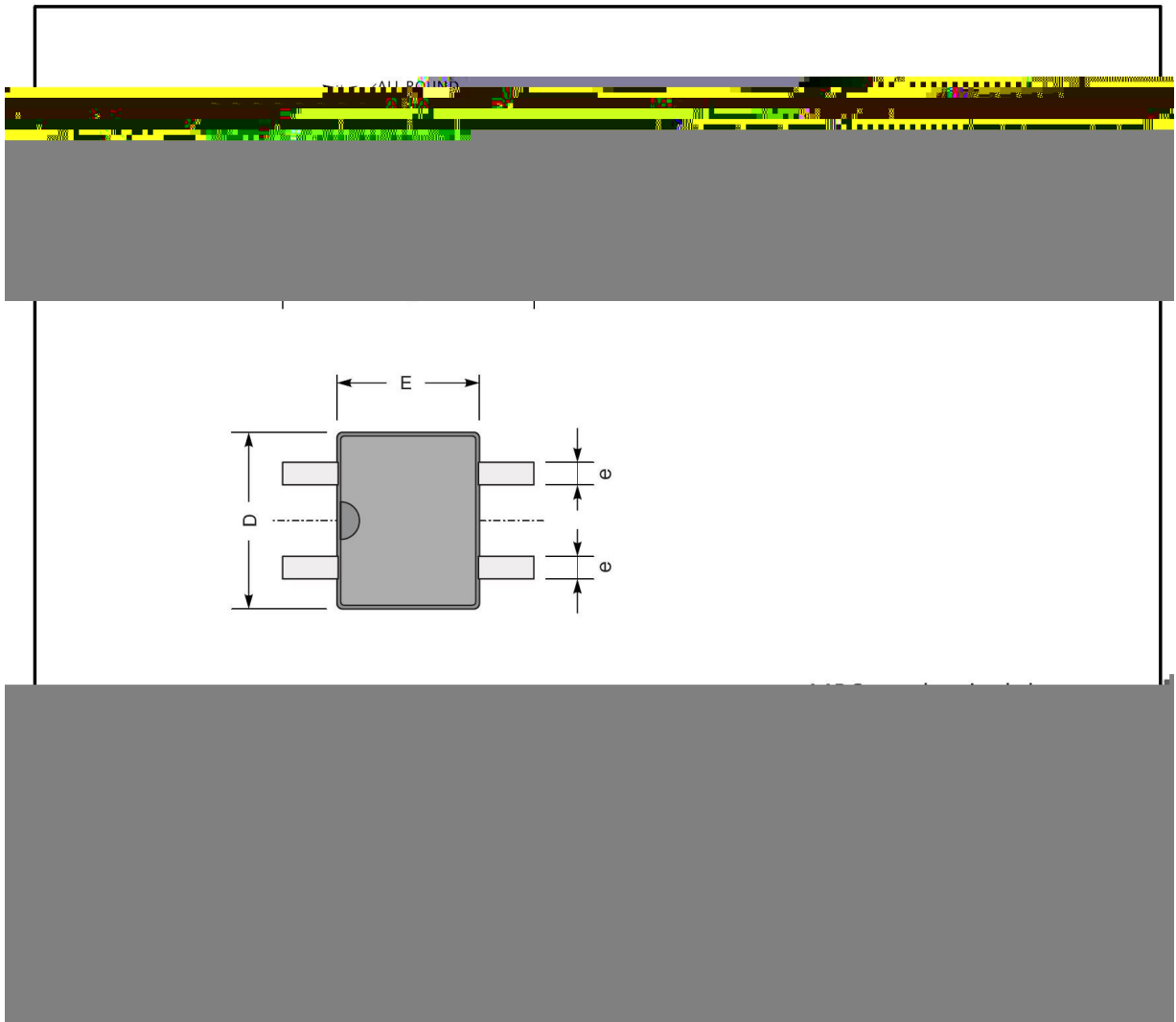
00

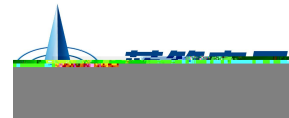
MB1S~MB10S

Rev.E

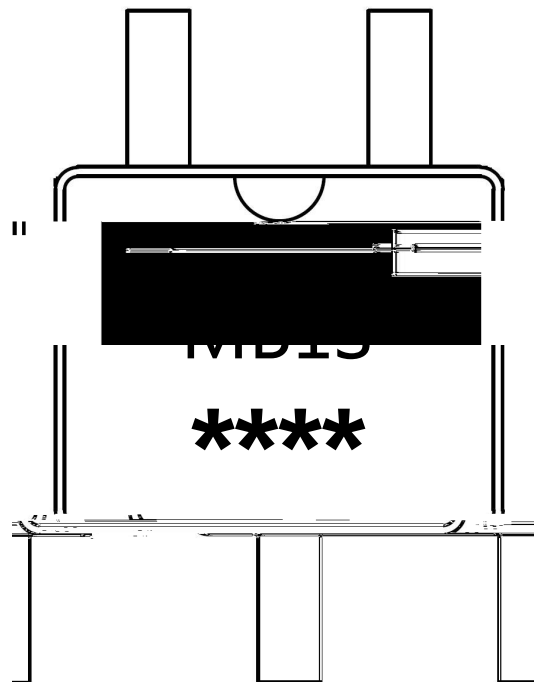
@ A B C ? / Package Dimensions

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