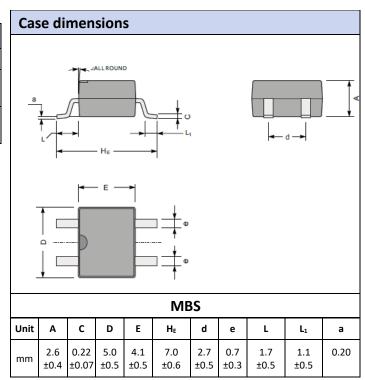


SMD Schottky Bridge

Primary characteristics						
Parameter	Value	Unit				
Maximum Repetitive Peak Reverse Voltage	40 ~ 200	V				
Maximum Average Forward Rectified Current	1.0	Α				

Features

- MBS case for easy automatic insertion
- Pb-free and RoHS compliant
- High current capability
- Low forward voltage drop
- Low power loss, high efficiency
- Solderable per MIL-STD-750, Method 2026
- Weight: 0.0031oz, 100mg

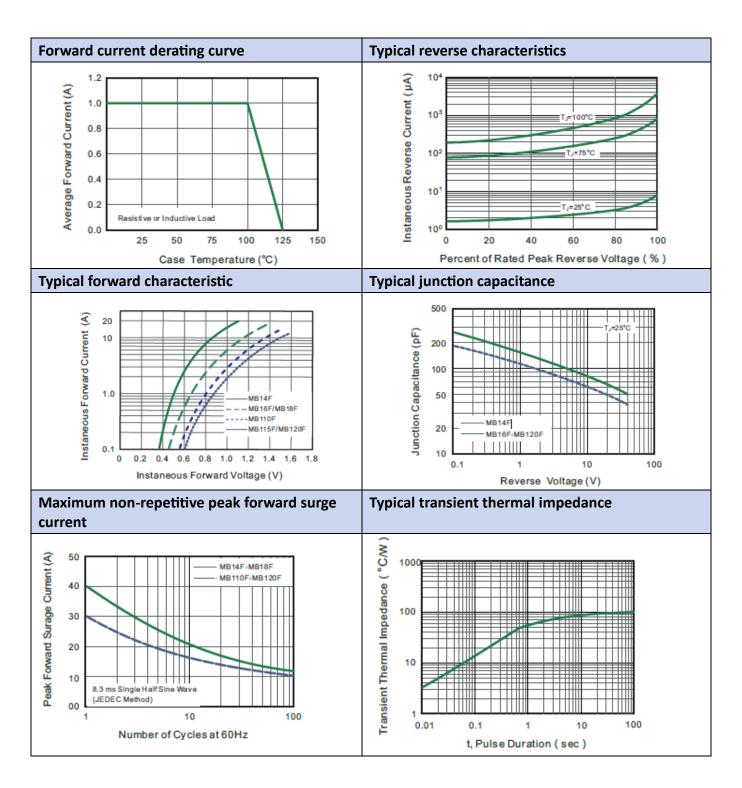


Parameter		Symbol	Value					Unit
			MB14F	MB16F	MB18F	MB110F	MB120F	
Maximum repetitive peak reverse voltage		V _{RRM}	40	60	80	100	200	
Maximum RMS voltage		V _{RMS}	28	42	56	70	140	V
Maximum DC blocking voltage		V _{DC}	40	60	80	100	200	1
Average rectified output current		I _{F(AV)}	1.0					
Peak forward surge current 8.3mS single half sine wave superimposed on rated load (JEDEC method)		I _{FSM}	40		30		А	
Maximum instantaneous forward voltage @2.0A		VF	0.55	0.7	0.85	0.	90	V
Maximum DC reverse current at rated DC blocking voltage	T _a =25°C		0.3		0.2	0	0.1	
	T _a =100°C	I _R	1	0	5	2	.0	μΑ
Typical junction capacitance 1)		C _j	110 80			pF		
Typical thermal resistance ²⁾		R _{eJA}	100			°C/V		
Operating temperature range		Tj	-55 ~ 125			°C		
Storage temperature range		T_{stg}	-55 ~ 1 50				°C	

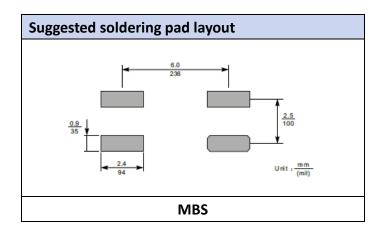
- 1) Measured at 1.0MHz and applied reverse voltage of 4.0VDC
- 2) Mounted on glass epoxy PC board with 4x 1.5" x 1.5" (3.81x3.81cm) copper pad



MB14S - MB120S Series







Ordering information						
Part Number	Package	Shipping Quantity	Dimensions			
MB14S ~ MB120S	MBS	3000 pcs / 13" reel				

Disclaimer

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