

Figure 1  
Typical Forward Characteristics

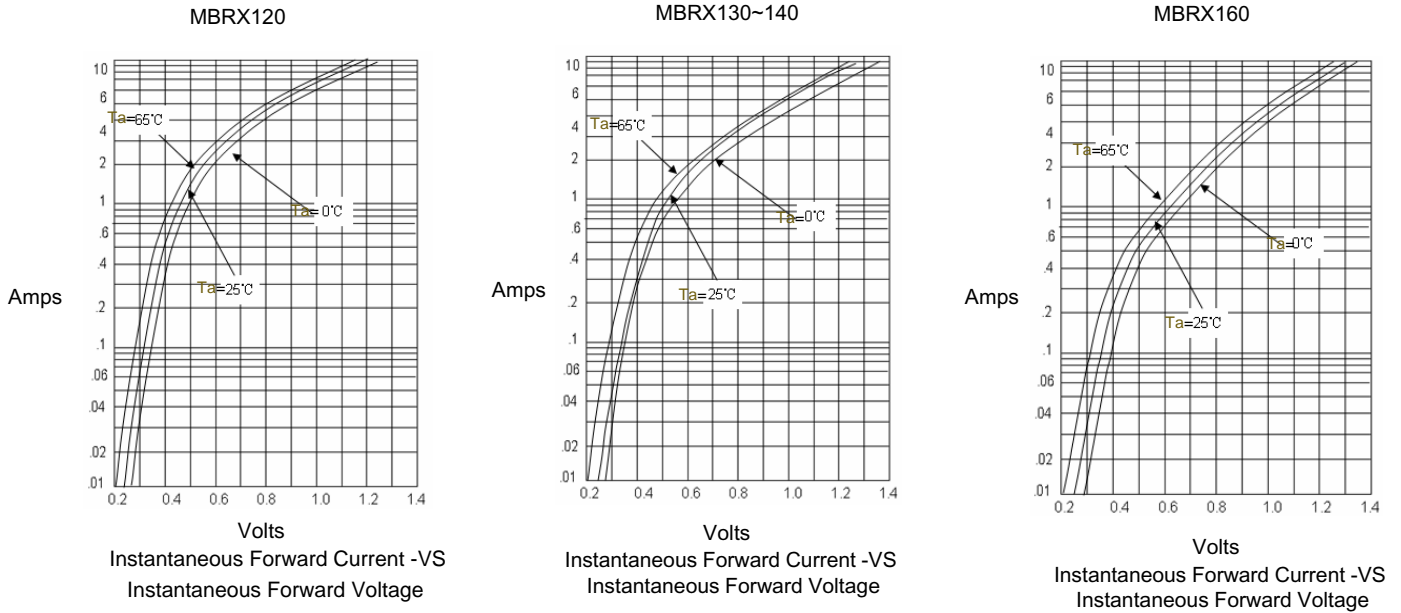
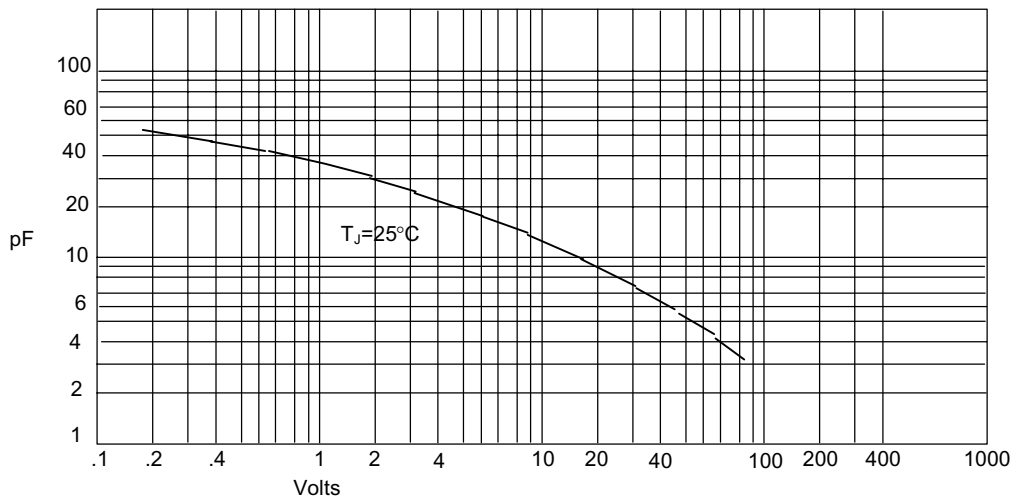
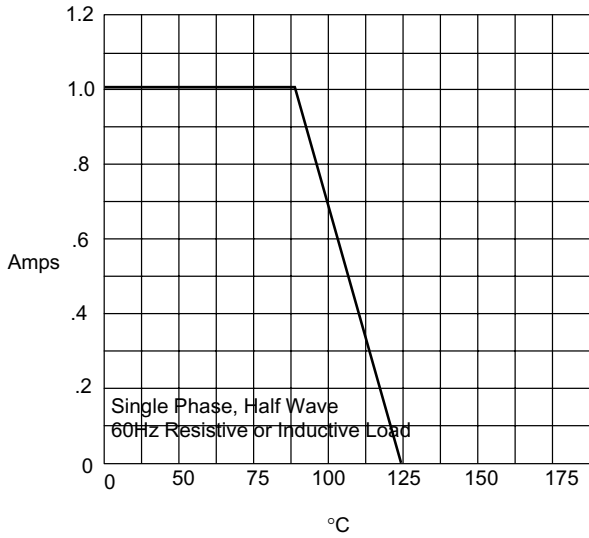


Figure 2  
Junction Capacitance



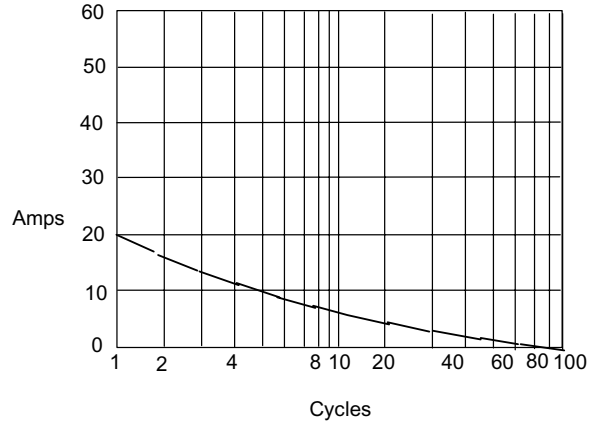
# MBRX120 thru MBRX160

Figure 3  
Forward Derating Curve



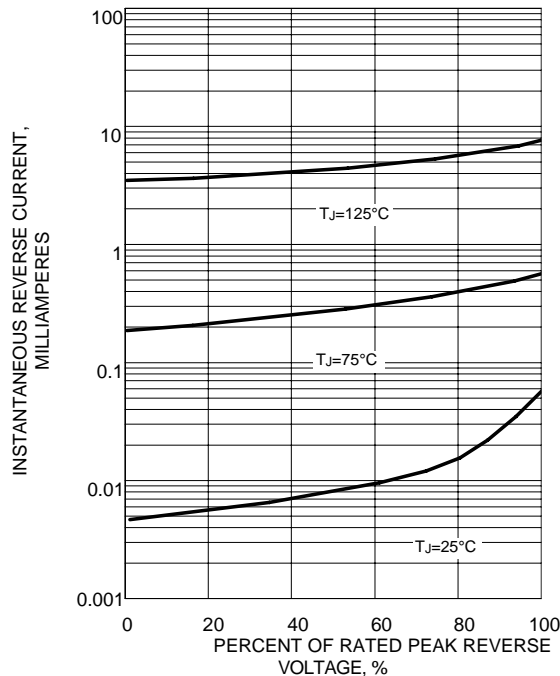
Average Forward Rectified Current - Amperes versus Ambient Temperature - °C

Figure 4  
Peak Forward Surge Current



Peak Forward Surge Current - Amperes versus Number Of Cycles At 60Hz - Cycles

FIG. 5 - TYPICAL REVERSE CHARACTERISTICS

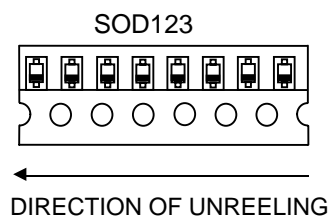


## **SURFACE MOUNT**

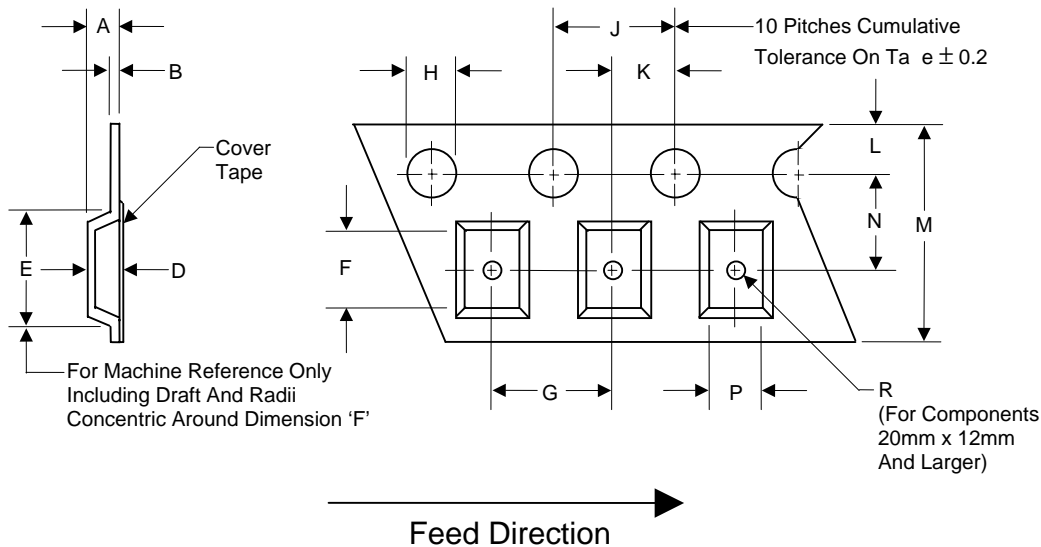
### **SURFACE MOUNT**

TYPE	TAPE SIZE (mm)	BULK/TUBE QUANTITY	7 INCH REEL QUANTITY	13 INCH REEL QUANTITY
SOD123	8	-----	3000	-----

### **TAPE DIMENSIONS AND ORIENTATION** 8mm Tape (in millimeters)

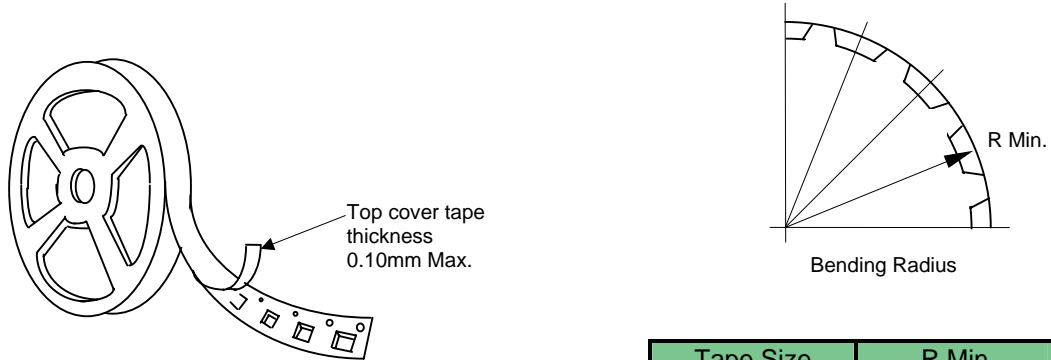


### **Embossed Carrier Tape Specifications** (8mm Tape)

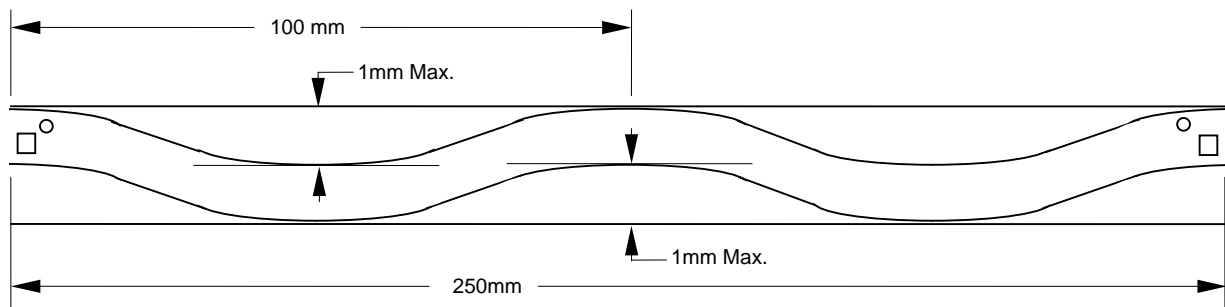


Tape Size	H	L	J	B (Max)	D, F, P	Constant Dimensions	
8	1.5 <sup>+0.1, -0.0</sup>	1.75±0.10	4.0±0.1	0.600	See Note 1		
Tape Size	E (Max)	R (Min)	N	A (Max)	K	M	Variable Dimensions
8mm	4.2	1.0	3.5±0.05	2.4	2.0±0.05	8.0±0.30	
Tape Size	G						
	4.0±0.10		8.0±0.10		12.0±0.10		16.0±0.10
8mm	X						

## **SURFACE MOUNT**

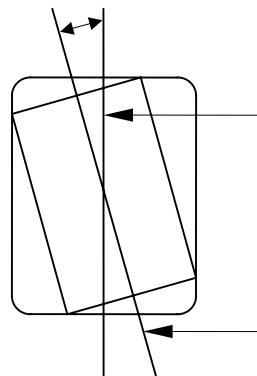


Tape Size	R Min.
8mm	25mm



Camber (Top View)

Allowable camber to be 1mm/100mm non-accumulative over 250mm





Micro Commercial Components

### Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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