

RATING AND CHARACTERISTICS CURVES (FM220 THRU FM2200)

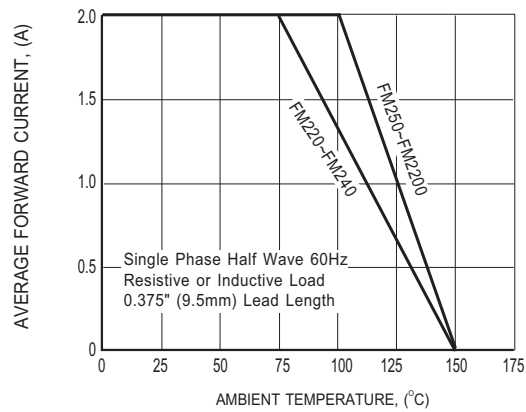


FIG.1 TYPICAL FORWARD CURRENT DERATING CURVE

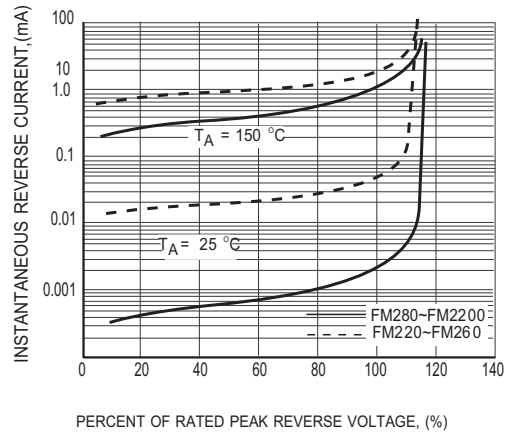


FIG.2 MAXIMUM REVERSE CHARACTERISTICS

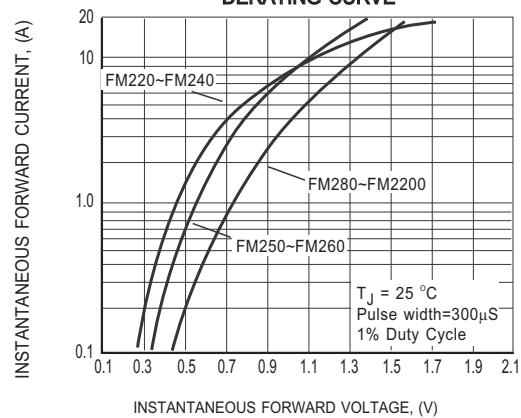


FIG.3 MAXIMUM INSTANTANEOUS FORWARD CHARACTERISTICS

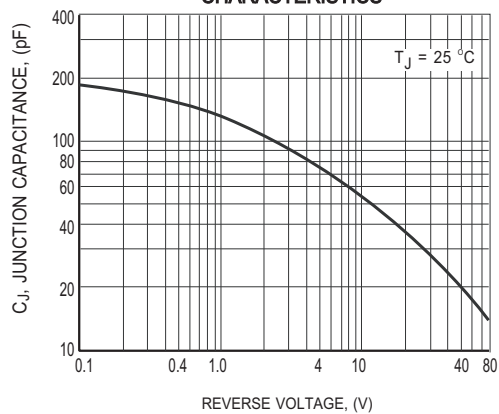


FIG.4 TYPICAL JUNCTION CAPACITANCE

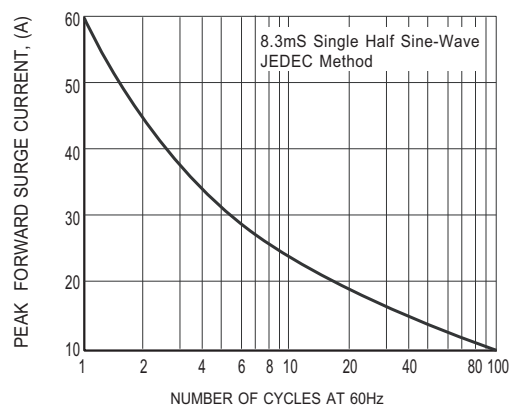
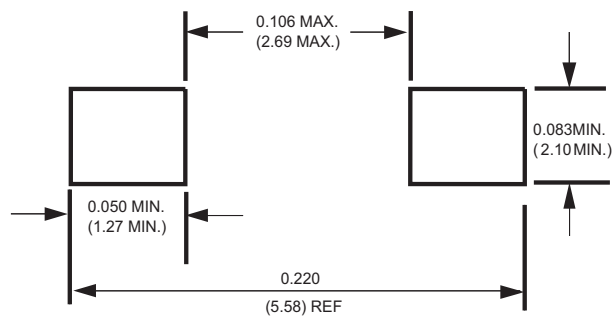


FIG.5 MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

RECTRON

Mounting Pad Layout



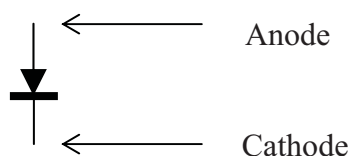
Dimensions in inches and (millimeters)



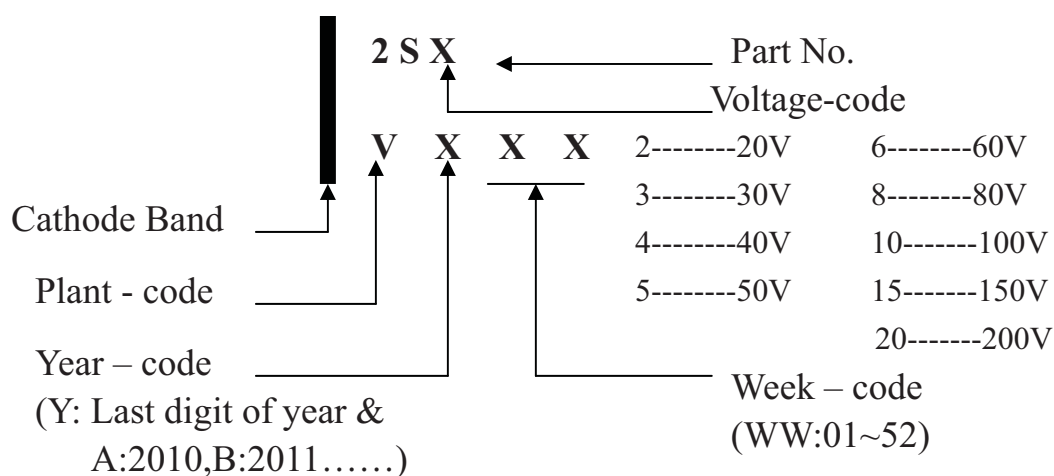


Attachment information about FM2XX

1. Internal Circuit



2. Marking on the body





Attachment information about FM2XX

3. Items marked on the reel box and carton

3.1 On the reel (for -T & -W)

CUSTOMER

TYPE

QUANTITY

LOT NO.

Q.A.

REMARK

3.2 On the box (for -T & -W)

TYPE

QUANTITY

LOT NO.

Q.A.

3.3 On the carton

CUSTOMER

TYPE

QUANTITY

LOT NO.

REMARK

REEL TAPING SPECIFICATIONS FOR SURFACE MOUNT DEVICES-FLAT MELF (SMA/SMB/SMC)

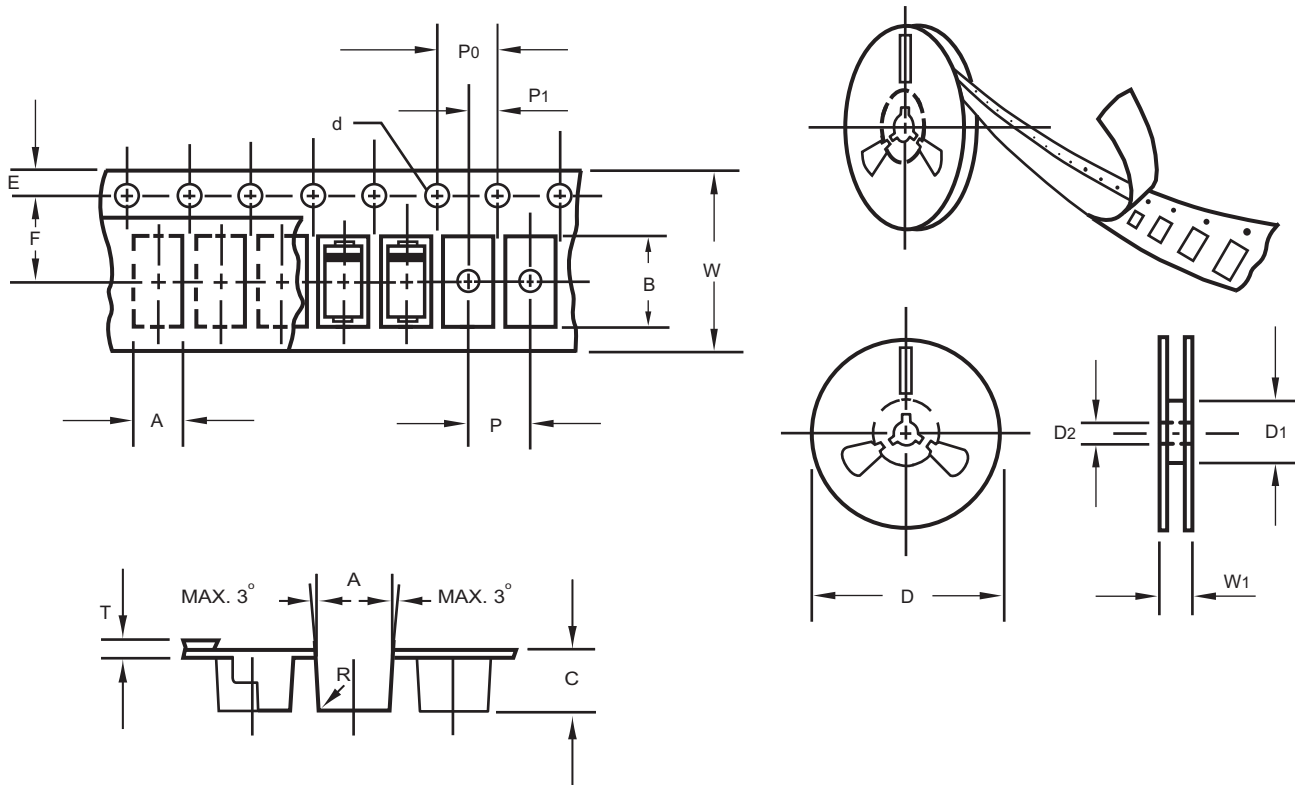


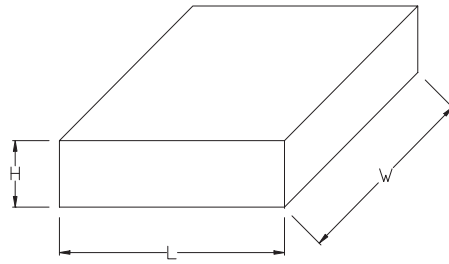
Fig.: Configuration of FLAT MELF TAPING
(SMA/SMB/SMC)

ITEM	SYMBOL	DO214AC (SMA) mm(inch)	DO214AA (SMB) mm(inch)	DO214AB (SMC) mm(inch)
Carrier width	A	2.6 ± 0.15 (0.102 $\pm$ 0.006)	3.65 ± 0.1 (0.144 $\pm$ 0.004)	6.0 ± 0.1 (0.236 $\pm$ 0.004)
Carrier length	B	5.15 ± 0.15 (0.203 $\pm$ 0.006)	5.69 ± 0.1 (0.224 $\pm$ 0.004)	8.30 ± 0.1 (0.327 $\pm$ 0.004)
Carrier depth	C	2.3 ± 0.15 (0.091 $\pm$ 0.006)	2.67 ± 0.1 (0.105 $\pm$ 0.004)	2.5 ± 0.1 (0.098 $\pm$ 0.004)
Sprocket hole	d	1.5 ± 0.1 (0.059 $\pm$ 0.004)	1.5 ± 0.1 (0.059 $\pm$ 0.004)	1.5 ± 0.1 (0.059 $\pm$ 0.004)
Reel outside diameter	D	178 ± 2.0 (7.0 $\pm$ 0.079)	178 ± 2.0 (7.0 $\pm$ 0.079)	178 ± 2.0 (7.0 $\pm$ 0.079)
Reel inner diameter	D1	50 Min.	50 Min.	50 Min.
Feed hole diameter	D2	13 ± 0.5 (0.512 $\pm$ 0.020)	13 ± 0.5 (0.512 $\pm$ 0.020)	13 ± 0.5 (0.512 $\pm$ 0.020)
Strocket hole position	E	1.5 ± 0.1 (0.059 $\pm$ 0.004)	1.5 ± 0.1 (0.059 $\pm$ 0.004)	1.5 ± 0.1 (0.059 $\pm$ 0.004)
Punch hole position	F	5.65 ± 0.05 (0.222 $\pm$ 0.002)	5.65 ± 0.05 (0.222 $\pm$ 0.002)	7.65 ± 0.05 (0.301 $\pm$ 0.002)
Punch hole pitch	P	4.0 ± 0.1 (0.157 $\pm$ 0.004)	8.0 ± 0.1 (0.315 $\pm$ 0.004)	8.0 ± 0.1 (0.315 $\pm$ 0.004)
Sprocket hole pitch	P0	4.0 ± 0.1 (0.157 $\pm$ 0.004)	4.0 ± 0.1 (0.157 $\pm$ 0.004)	4.0 ± 0.1 (0.157 $\pm$ 0.004)
Embossment center	P1	2.0 ± 0.1 (0.079 $\pm$ 0.004)	2.0 ± 0.1 (0.079 $\pm$ 0.004)	4.0 ± 0.1 (0.157 $\pm$ 0.004)
Totall tape thickness	T	0.30 ± 0.05 (0.012 $\pm$ 0.002)	0.6 Max.	0.6 Max.
Tape width	W	12.0 ± 0.2 (0.472 $\pm$ 0.008)	12.0 ± 0.2 (0.472 $\pm$ 0.008)	16.0 ± 0.2 (0.630 $\pm$ 0.008)
Reel width	W1	16.8 ± 2.0 (0.661 $\pm$ 0.079)	16.8 ± 2.0 (0.661 $\pm$ 0.079)	24.0 ± 2.0 (0.945 $\pm$ 0.079)

Note: 1.Devices are packed in accordance with EIA standard RS-481-D and specification given above.

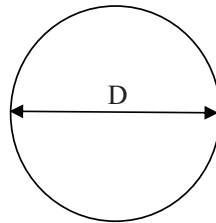
2.Available on 7 inch (1500 ct.) or 13 inch (5000 ct.) diameter reels.

1. BOX



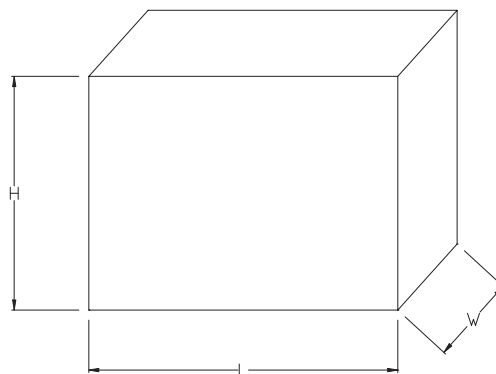
Packing Code	L (mm)	W (mm)	H (mm)
-T	182	182	68
-W	338	338	40

2. REEL



Packing Code	D (mm)
-T	178
-W	330

3. CARTON



Packing Code	L (mm)	W (mm)	H (mm)
-T	390	205	310
-W	360	355	360

PACKAGING OF DIODE AND BRIDGE RECTIFIERS

REEL PACK

PACKAGE	PACKING CODE	EA PER REEL	EA PER INNER BOX	COMPONENT SPACE (mm)	TAPE SPACE (mm)	REEL DIA (mm)	CARTON SIZE (mm)	EA PER CARTON	GROSS WEIGHT(Kg)
SMB	-W/-T	3,000	6,000	---	---	330	360*355*360	48,000	13.90

DISCLAIMER NOTICE

Rectron Inc reserves the right to make changes without notice to any product specification herein, to make corrections, modifications, enhancements or other changes. Rectron Inc or anyone on its behalf assumes no responsibility or liability for any errors or inaccuracies. Data sheet specifications and its information contained are intended to provide a product description only. "Typical" parameters which may be included on RECTRON data sheets and/ or specifications can and do vary in different applications and actual performance may vary over time. Rectron Inc does not assume any liability arising out of the application or use of any product or circuit.

Rectron products are not designed, intended or authorized for use in medical, life-saving implant or other applications intended for life-sustaining or other related applications where a failure or malfunction of component or circuitry may directly or indirectly cause injury or threaten a life without expressed written approval of Rectron Inc. Customers using or selling Rectron components for use in such applications do so at their own risk and shall agree to fully indemnify Rectron Inc and its subsidiaries harmless against all claims, damages and expenditures.

