

## Thyristor Diode Modules(Non-isolated type)



### Technical parameter:

#### MFG(AA) MFY(AA)

Type	VDRM VRRM	I T(AV) I F(AV)	I TSM	I 2t	dv/dt	di/dt	IDRMIRRM	IGT	VGT	IH	VTM/ITM	VTO	rT	Rjc	Tjm	Outlines
	V	TC= 110°C A	KA	KA2 s	V/us	A/us	mA	mA	V	mA	V /A	V	mΩ	°C/W	°C	
MFx60	200-600	60	2.10	22.4	800	100	6	100	2.5	100	1.35/180	0.80	2.65	0.420	125	Fig17
MFx80	200-600	80	2.70	3.71	800	100	8	100	2.5	100	1.35/240	0.80	1.59	0.250	125	
MFx100	200-600	100	3.40	5.89	800	100	8	100	2.5	100	1.35/300	0.80	1.75	0.240	125	Fig18 Fig19
MFx130	200-600	130	4.5	10.32	800	100	12	150	2.5	100	1.40/390	0.80	1.10	0.200	125	
MFx160	200-600	160	5.60	16.0	800	100	12	150	2.5	100	1.40/480	0.80	1.15	0.150	125	Fig20
MFx200	200-600	200	7.00	25.0	800	100	15	150	2.5	100	1.39/600	0.80	0.70	0.130	125	

#### MFG MFY

Type	VDRM VRRM	I T(AV) I F(AV)	I TSM	I 2t	dv/dt	di/dt	IDRMIRRM	IGT	VGT	IH	VTM/ITM	VTO	rT	Rjc	Tjm	Outlines
	V	TC=90°C A	KA	KA2 s	V/us	A/us	mA	mA	V	mA	V /A	V	mΩ	°C/W	°C	
MFx50	800-1800	50	1.60	13.0	800	100	8	100	2.0	100	1.70/150	0.80	5.41	0.480	125	Fig17
MFx100	800-1800	100	3.20	52.2	800	100	12	100	2.0	100	1.67/300	0.80	2.45	0.250	125	
MFx150	800-1800	150	5.10	133	800	100	12	100	2.0	100	1.67/450	0.80	1.74	0.160	125	Fig18 Fig19
MFx200	800-1800	200	6.50	215	800	100	20	150	2.5	100	1.62/600	0.80	1.15	0.130	125	
MFx250	800-1800	150	8.50	368	800	100	20	150	2.5	100	1.65/750	0.80	1.02	0.100	125	Fig20
MFx300	800-1800	300	9.60	470	800	100	25	150	2.5	100	1.58/900	0.80	0.72	0.080	125	

### Circuit Configuration:

