

4 定格・特性表

A 一般用整流素子 SILICON RECTIFIER DIODES FOR GENERAL USE

3 中・大電力用 (スタッド型・MAシリーズ) POWER RECTIFIER DIODES (STUD TYPE・MA-SERIES)

Type No.	VRRM V	VRSM V	IF(RMS) A	IO A	IFSM A	I ² t A ² s	IRM mA	VFM V (IFM =80A)	Tjw °C	Tstg °C	Rth(j-c) °C/W	Weight g	Torque N·m (kgf·cm)	Outline No.
15MA300	3,000	3,300	39	25	450	1,000	10	1.85 (IFM =80A)	-40 +150	-40 +175	0.6	19	$\frac{2.9}{2.4}$ $\frac{29.6}{24.5}$	20
400	4,000	4,400												
61MA10	100	200	94	60	1,000	5,000	10	1.30 (IFM =180A)	-40 +175	-40 +175	0.5	21	$\frac{2.9}{2.4}$ $\frac{29.6}{24.5}$	23
20	200	300												
40	400	600												
60	600	800												
80	800	1,000												
100	1,000	1,200												
120	1,200	1,400												
140	1,400	1,600												
160	1,600	1,800												
45MA10	100	200	235	150	2,700	36,400	20	1.5 (IFM =500A)	-60 +150	-60 +175	0.34	110	$\frac{20.3}{17}$ $\frac{207}{173}$	25
20	200	300												
40	400	600												
60	600	800												
80	800	1,000												
100	1,000	1,200												
120	1,200	1,400												
140	1,400	1,600												
160	1,600	1,800												
70MA10	100	200	390	250	4,000	80,000	20	1.5 (IFM =800A)	-60 +150	-60 +175	0.24	220	$\frac{28}{22}$ $\frac{286}{224}$	27
20	200	300												
40	400	600												
60	600	800												
80	800	1,000												
100	1,000	1,200												
120	1,200	1,400												
140	1,400	1,600												
160	1,600	1,800												
250MA60	600	800	1,100	700	9,000	405,000	50	1.57 (IFM =2,200A)	-40 +175	-40 +175	0.07	600	$\frac{43}{35}$ $\frac{438}{357}$	30
80	800	1,000												
100	1,000	1,200												
120	1,200	1,400												
140	1,400	1,600												
160	1,600	1,800												
180	1,800	2,000												