

# 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 <sup>2</sup> t A <sup>2</sup> s	IRM mA	VFM V (IFM =80A)	Tjw °C +150	Tstg °C +175	Rth(j-c) °C/W	Weight g	Torque N·m (kgf·cm)	Outline No.
15MA300 400	3,000 4,000	3,300 4,400	39	25	450	1,000	10	1.85 (IFM =80A)	-40 +150	-40 +175	0.6	19	2.9 2.4 (29.6) (24.5)	20
61MA10 20 40 60 80 100 120 140 160	100 200 400 600 800 1,000 1,200 1,400 1,600	200 300 600 800 1,000 1,200 1,400 1,600 1,800	94	60	1,000	5,000	10	1.30 (IFM =180A)	-40 +175	-40 +175	0.5	21	2.9 2.4 (29.6) (24.5)	23
45MA10 20 40 60 80 100 120 140 160	100 200 400 600 800 1,000 1,200 1,400 1,600	200 300 600 800 1,000 1,200 1,400 1,600 1,800	235	150	2,700	36,400	20	1.5 (IFM =500A)	-60 +150	-60 +175	0.34	110	20.3 17.1 (207) (173)	25
70MA10 20 40 60 80 100 120 140 160	100 200 400 600 800 1,000 1,200 1,400 1,600	200 300 600 800 1,000 1,200 1,400 1,600 1,800	390	250	4,000	80,000	20	1.5 (IFM =800A)	-60 +150	-60 +175	0.24	220	28.2 22.2 (286) (224)	27
250MA60 80 100 120 140 160 180	600 800 1,000 1,200 1,400 1,600 1,800	800 1,000 1,200 1,400 1,600 1,800 2,000	1,100	700	9,000	405,000	50	1.57 (IFM =2,200A)	-40 +175	-40 +175	0.07	600	43 35 (438) (357)	30

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