



**THE DATASHEET OF  
EMVE500ARA101MHA0G**







Alchip™-MVE Series *Upgrade!*

### ◆STANDARD RATINGS

□ is not solvent resistant.

WV (V <sub>dc</sub> )	Cap (μF)	Size code	tan δ	Rated ripple current (mArms/105°C, 120Hz)	Part No.	WV (V <sub>dc</sub> )	Cap (μF)	Size code	tan δ	Rated ripple current (mArms/105°C, 120Hz)	Part No.	
6.3	22	D55	0.30	22	EMVE6R3ARA220MD55G	35	330	JA0	0.16	450	EMVE350□RA331MJA0G	
	33	E55	0.30	34	EMVE6R3ARA330ME55G		470	KE0	0.22	520	EMVE350□RA471MKE0S	
	47	E55	0.30	38	EMVE6R3ARA470ME55G		470	LH0	0.22	650	EMVE350□RA471MLH0S	
	100	F55	0.30	69	EMVE6R3ARA101MF55G		1,000	LH0	0.22	750	EMVE350□RA102MLH0S	
	220	F80	0.45	120	EMVE6R3□RA221MF80G		1,000	MH0	0.22	1,000	EMVE350□RA102MMH0S	
	330	HA0	0.40	290	EMVE6R3□RA331MHA0G		2,200	MN0	0.24	1,450	EMVE350□RA222MMN0S	
	470	HA0	0.45	320	EMVE6R3□RA471MHA0G		50	1.0	D55	0.12	8.0	EMVE500ARA1R0MD55G
	680	HA0	0.45	340	EMVE6R3□RA681MHA0G			2.2	D55	0.12	12	EMVE500ARA2R2MD55G
	1,000	JA0	0.40	410	EMVE6R3□RA102MJA0G			3.3	D55	0.12	15	EMVE500ARA3R3MD55G
	1,500	JA0	0.45	550	EMVE6R3□RA152MJA0G			4.7	E55	0.12	20	EMVE500ARA4R7ME55G
	2,200	KE0	0.40	680	EMVE6R3□RA222MKE0S			10	F55	0.12	32	EMVE500ARA100MF55G
	2,200	LH0	0.40	840	EMVE6R3□RA222MLH0S			33	F80	0.14	65	EMVE500□RA330MF80G
	3,300	KG5	0.42	850	EMVE6R3□RA332MKG5S			47	F80	0.14	80	EMVE500□RA470MF80G
	3,300	MH0	0.42	1,000	EMVE6R3□RA332MMH0S			100	HA0	0.14	230	EMVE500□RA101MHA0G
	4,700	LN0	0.44	1,200	EMVE6R3□RA472MLN0S			220	JA0	0.14	375	EMVE500□RA221MJA0G
4,700	MH0	0.44	1,200	EMVE6R3□RA472MMH0S	330	KE0		0.18	500	EMVE500□RA331MKE0S		
6,800	LN0	0.48	1,200	EMVE6R3□RA682MLN0S	330	LH0		0.18	600	EMVE500□RA331MLH0S		
6,800	MN0	0.48	1,350	EMVE6R3□RA682MMN0S	470	LH0		0.18	700	EMVE500□RA471MLH0S		
10	22	E55	0.24	30	EMVE100ARA220ME55G	470		MH0	0.18	750	EMVE500□RA471MMH0S	
	33	E55	0.24	34	EMVE100ARA330ME55G	1,000		MN0	0.18	1,200	EMVE500□RA102MMN0S	
	47	F55	0.24	48	EMVE100ARA470MF55G	63		1.0	D55	0.12	8.0	EMVE630ARA1R0MD55G
	100	F55	0.30	69	EMVE100ARA101MF55G		2.2	D55	0.12	12	EMVE630ARA2R2MD55G	
	150	F80	0.35	100	EMVE100□RA151MF80G		3.3	E55	0.12	17	EMVE630ARA3R3ME55G	
	220	F80	0.35	120	EMVE100□RA221MF80G		4.7	F55	0.12	22	EMVE630ARA4R7MF55G	
	330	HA0	0.35	290	EMVE100□RA331MHA0G		10	F55	0.12	32	EMVE630ARA100MF55G	
	470	HA0	0.35	320	EMVE100□RA471MHA0G		22	F80	0.12	58	EMVE630□RA220MF80G	
	1,000	JA0	0.35	410	EMVE100□RA102MJA0G		33	HA0	0.12	140	EMVE630□RA330MHA0G	
	2,200	KG5	0.36	750	EMVE100□RA222MKG5S		47	HA0	0.12	170	EMVE630□RA470MHA0G	
	2,200	LH0	0.36	850	EMVE100□RA222MLH0S		100	JA0	0.12	310	EMVE630□RA101MJA0G	
	3,300	LH0	0.38	1,000	EMVE100□RA332MLH0S		220	KE0	0.14	470	EMVE630□RA221MKE0S	
	3,300	MH0	0.38	1,100	EMVE100□RA332MMH0S		220	LH0	0.14	560	EMVE630□RA221MLH0S	
	4,700	LN0	0.40	1,300	EMVE100□RA472MLN0S		330	LH0	0.14	700	EMVE630□RA331MLH0S	
	4,700	MN0	0.40	1,350	EMVE100□RA472MMN0S		330	MH0	0.14	750	EMVE630□RA331MMH0S	
16	10	D55	0.20	17	EMVE160ARA100MD55G		470	LN0	0.14	900	EMVE630□RA471MLN0S	
	22	E55	0.20	30	EMVE160ARA220ME55G		470	MH0	0.14	900	EMVE630□RA471MMH0S	
	33	F55	0.20	45	EMVE160ARA330MF55G	100	22	HA0	0.12	100	EMVE101□RA220MHA0G	
	47	F55	0.20	48	EMVE160ARA470MF55G		33	JA0	0.12	150	EMVE101□RA330MJA0G	
	100	F55	0.26	69	EMVE160ARA101MF55G		47	KE0	0.10	250	EMVE101□RA470MKE0S	
	150	F80	0.28	100	EMVE160□RA151MF80G		68	KE0	0.10	300	EMVE101□RA680MKE0S	
	220	F80	0.28	120	EMVE160□RA221MF80G		100	KE0	0.10	380	EMVE101□RA101MKE0S	
	330	HA0	0.28	290	EMVE160□RA331MHA0G		100	LH0	0.10	450	EMVE101□RA101MLH0S	
	470	HA0	0.28	320	EMVE160□RA471MHA0G		220	LN0	0.10	750	EMVE101□RA221MLN0S	
	680	JA0	0.28	470	EMVE160□RA681MJA0G		220	MH0	0.10	750	EMVE101□RA221MMH0S	
	1,000	KE0	0.30	550	EMVE160□RA102MKE0S		330	MN0	0.10	980	EMVE101□RA331MMN0S	
	1,000	LH0	0.30	650	EMVE160□RA102MLH0S		160	33	KE0	0.15	95	EMVE161□RA330MKE0S
	2,200	LH0	0.32	950	EMVE160□RA222MLH0S			47	LH0	0.15	260	EMVE161□RA470MLH0S
	2,200	MH0	0.32	1,000	EMVE160□RA222MMH0S			68	LN0	0.15	320	EMVE161□RA680MLN0S
	3,300	LN0	0.34	1,200	EMVE160□RA332MLN0S			68	MH0	0.15	320	EMVE161□RA680MMH0S
3,300	MH0	0.34	1,200	EMVE160□RA332MMH0S	100			LN0	0.15	380	EMVE161□RA101MLN0S	
25	10	E55	0.16	27	EMVE250ARA100ME55G			200	10	KE0	0.15	80
	22	F55	0.16	44	EMVE250ARA220MF55G	22	KG5		0.15	110	EMVE201□RA220MKG5S	
	33	F55	0.16	50	EMVE250ARA330MF55G	33	LH0		0.15	220	EMVE201□RA330MLH0S	
	47	F55	0.16	60	EMVE250ARA470MF55G	47	LN0		0.15	270	EMVE201□RA470MLN0S	
	100	F80	0.18	100	EMVE250□RA101MF80G	47	MH0		0.15	270	EMVE201□RA470MMH0S	
	150	HA0	0.18	240	EMVE250□RA151MHA0G	68	MN0		0.15	330	EMVE201□RA680MMN0S	
	220	HA0	0.18	320	EMVE250□RA221MHA0G	250	4.7	KE0	0.15	65	EMVE251□RA47R7MKE0S	
	330	JA0	0.16	450	EMVE250□RA331MJA0G		10	KG5	0.15	105	EMVE251□RA100MKG5S	
	470	JA0	0.18	490	EMVE250□RA471MJA0G		22	LH0	0.15	180	EMVE251□RA220MLH0S	
	1,000	LH0	0.26	820	EMVE250□RA102MLH0S		33	LN0	0.15	230	EMVE251□RA330MLN0S	
	1,000	MH0	0.26	880	EMVE250□RA102MMH0S		33	MH0	0.15	230	EMVE251□RA330MMH0S	
	2,200	LN0	0.28	1,250	EMVE250□RA222MLN0S		47	MN0	0.15	280	EMVE251□RA470MMN0S	
	2,200	MN0	0.28	1,300	EMVE250□RA222MMN0S	400	4.7	KG5	0.20	50	EMVE401□RA47R7MKG5S	
	35	4.7	D55	0.14	16		EMVE350ARA47R7MD55G	10	LH0	0.20	85	EMVE401□RA100MLH0S
		10	E55	0.14	27		EMVE350ARA100ME55G	22	MN0	0.20	130	EMVE401□RA220MMN0S
22		F55	0.14	44	EMVE350ARA220MF55G	450	3.3	KE0	0.20	40	EMVE451□RA3R3MKE0S	
47		F80	0.16	80	EMVE350□RA470MF80G		4.7	KG5	0.20	50	EMVE451□RA47R7MKG5S	
100		F80	0.16	100	EMVE350□RA101MF80G		10	LH0	0.20	85	EMVE451□RA100MLH0S	
150		HA0	0.16	260	EMVE350□RA151MHA0G	22	MN0	0.20	130	EMVE451□RA220MMN0S		
220	JA0	0.16	375	EMVE350□RA221MJA0G								

□ : Enter the appropriate terminal code.

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

⊖ [View EMVE500ARA101MHA0G on WIN SOURCE](#)

⊖ [United Chemi-Con Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management