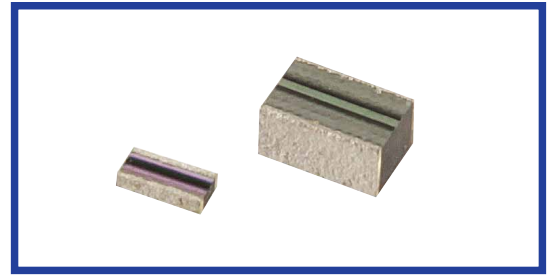


MR SERIES

NEW

125°C LW reversal structure, Low ESL



◆FEATURES

- Surface-mounted device.
- Lead free reflow soldering is available.
- Flow soldering is available.
- RoHS compliance.

◆CAUTION

MR series shall be used in reflow and flow soldering method. Do not use in VPS soldering method.
Please storage in moisture proof bag with dry silica-gel after opening the moisture proof bag. Please ask for detail.

◆SPECIFICATIONS

Items	Characteristics	
Category Temperature Range	-55~+125°C	
Rated Voltage Range	16~63Vdc	100Vdc
Capacitance Range	0.010~6.8μF (103~685) E6 series	0.15~0.33μF (154~334) E6 series
Capacitance Tolerance	±10% (K), ±20% (M)	
(tanδ) Dissipation Factor	1.5% or less(1kHz±20%, 5Vrms or less)	
Voltage Proof	Nothing abnormal shall be found, when applying 150% of the rated voltage for 1minute or 175% of the rated voltage for 1 second to 5 seconds.	
Insulation Resistance	C≤0.1μF:3000MΩ or more (After 1 minute application of rated voltage) C>0.1μF:300MΩ·μF or more (After 1 minute application of rated voltage)	1000MΩ or more (After 1 minute application of rated voltage)

◆PART NUMBER

□□□	MR	□□□	□	□□□	□□	□□□□																															
Rated Voltage	Series	Capacitance	Capacitance Tolerance	Option	TP code	Chip Size																															
↓	↓	↓	↓	↓	↓	↓																															
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◆STANDARD SIZE

□:Tolerance

Rated Voltage (Vdc)	Capacitance (μF)	Size			Part No.
		L (mm)	W (mm)	H (mm)	
16	0.22	1.6	3.2	1.0	16MR224□A11632
	0.33	1.6	3.2	1.4	16MR334□A21632
	4.7	3.2	4.5	1.8	16MR475□C23245
	6.8	3.2	4.5	2.2	16MR685□C33245
25	0.15	1.6	3.2	1.0	25MR154□A11632
	0.22	1.6	3.2	1.4	25MR224□A21632
	3.3	3.2	4.5	1.8	25MR335□C23245
35	0.068	1.6	3.2	1.0	35MR683□A11632
	0.10	1.6	3.2	1.0	35MR104□A11632
	0.15	1.6	3.2	1.4	35MR154□A21632
	2.2	3.2	4.5	1.8	35MR225□C23245
	3.3	3.2	4.5	2.6	35MR335□C43245
50	0.010	1.6	3.2	1.0	50MR103□A11632
	0.015	1.6	3.2	1.0	50MR153□A11632
	0.022	1.6	3.2	1.0	50MR223□A11632
	0.033	1.6	3.2	1.0	50MR333□A11632
	0.047	1.6	3.2	1.0	50MR473□A11632
	0.068	1.6	3.2	1.4	50MR683□A21632
	1.0	3.2	4.5	1.8	50MR105□C23245
63	0.47	3.2	4.5	1.4	63MR474□C13245
	0.68	3.2	4.5	1.4	63MR684□C13245
	1.0	3.2	4.5	2.2	63MR105□C33245
100	0.15	3.2	4.5	1.4	100MR154□C13245
	0.22	3.2	4.5	1.8	100MR224□C23245
	0.33	3.2	4.5	2.2	100MR334□C33245

Size Code Conversion

mm	inch
1632	0612
3245	1218

◆DIMENSIONS

(mm)

