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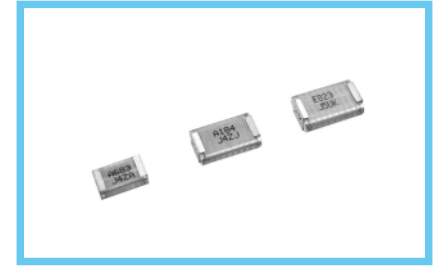
Metallized Polyphenylene Sulfide Film Chip Capacitor

series



For SMD

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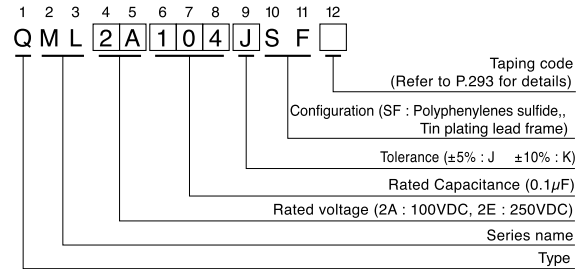
- Lead frame outer electrode.
- Resonance circuit for LCD backlighting inverter unit
- Applicable for reflow soldering. [Lead-free correspondence]
- Adapted to the RoHS directive (2002/95/EC).

Specifications

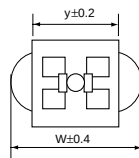
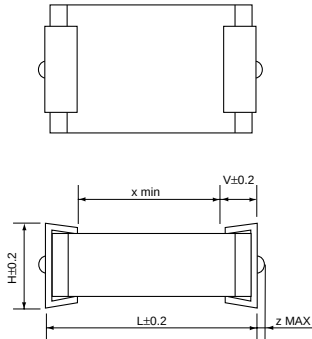
Item	Performance Characteristics
Category Temperature Range	-40 ~ +125°C (Rated temperature : 105°C)
Rated Voltage (U _R)	100VDC / 63VAC , 250VDC / 80VAC
Rated Capacitance Range	0.01 ~ 0.22μF
Capacitance Tolerance	±5% (J), ±10% (K)
Dielectric Loss Tangent	0.15% or less (at 1kHz 20°C)
Insulation Resistance	15,000 MΩ min
Withstand Voltage	Between Terminals : Rated Voltage (U _R) × 150% 60s
Encapsulation	Case less (Liquefied Epoxy resin)
Resistance to Soldering heat	Reflow : Peak 250°C, 10s less than
Related standard	JIS C 5101-20, EIAJ RC-2349

Category voltage = U_R × 0.8

Type numbering system (Example : 100VDC 0.1μF)

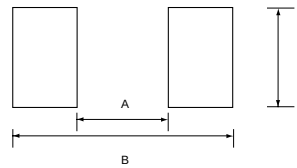


Drawing



Land Dimensions

Voltage (V)	Cap (μF)	A	B	C
100	0.01 ~ 0.15	5.5	10.0	4.0
250	0.01 ~ 0.056	5.5	10.0	4.0
100	0.18 ~ 0.22	8.0	12.6	4.0
250	0.068 ~ 0.1	8.0	12.6	4.0



Dimensions

Unit : (mm)

V(Code)		100VDC / 63VAC (2A)								250VDC / 80VAC (2E)								
Cap.(μF)	Code	Size	H	L	W	v	x	y	z	Taping code	H	L	W	v	x	y	z	Taping code
0.01	103	3.0	8.1	5.2	1.2	5.1	4.2	0.3	A	3.0	8.1	5.2	1.2	5.1	4.2	0.3	A	
0.012	123	3.0	8.1	5.3	1.2	5.1	4.2	0.3	A	3.0	8.1	5.3	1.2	5.1	4.2	0.3	A	
0.015	153	3.0	8.1	5.3	1.2	5.1	4.2	0.3	A	3.0	8.1	5.3	1.2	5.1	4.2	0.3	A	
0.018	183	3.0	8.1	5.2	1.2	5.1	4.2	0.3	A	3.0	8.1	5.2	1.2	5.1	4.2	0.3	A	
0.022	223	3.0	8.1	5.3	1.2	5.1	4.2	0.3	A	3.0	8.1	5.3	1.2	5.1	4.2	0.3	A	
0.027	273	3.0	8.1	5.3	1.2	5.1	4.2	0.3	A	3.0	8.1	5.3	1.2	5.1	4.2	0.3	A	
0.033	333	3.0	8.1	5.3	1.2	5.1	4.2	0.3	A	3.0	8.1	5.5	1.2	5.1	4.2	0.3	A	
0.039	393	3.0	8.1	5.2	1.2	5.1	4.2	0.3	A	3.0	8.1	6.3	1.2	5.1	4.2	0.3	B	
0.047	473	3.0	8.1	5.3	1.2	5.1	4.2	0.3	A	3.5	8.1	6.3	1.2	5.1	4.2	0.3	B	
0.056	563	3.0	8.1	5.3	1.2	5.1	4.2	0.3	A	3.5	8.1	7.0	1.2	5.1	4.2	0.3	B	
0.068	683	3.0	8.1	5.3	1.2	5.1	4.2	0.3	A	3.5	10.6	7.1	1.2	7.6	4.2	0.3	C	
0.082	823	3.0	8.1	5.5	1.2	5.1	4.2	0.3	A	3.5	10.6	7.2	1.2	7.6	4.2	0.3	C	
0.1	104	3.0	8.1	5.8	1.2	5.1	4.2	0.3	B	3.5	10.6	7.8	1.2	7.6	4.2	0.3	E	
0.12	124	3.5	8.1	6.1	1.2	5.1	4.2	0.3	B									
0.15	154	3.5	8.1	6.5	1.2	5.1	4.2	0.3	B									
0.18	184	3.0	10.6	6.8	1.2	7.6	4.2	0.3	C									
0.22	224	3.5	10.6	7.0	1.2	7.6	4.2	0.3	C									

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CAT.8100V