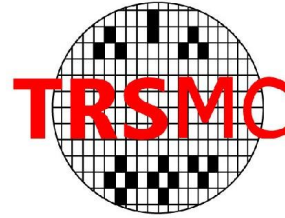


GX/GX-L series

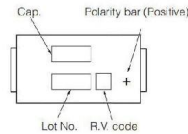
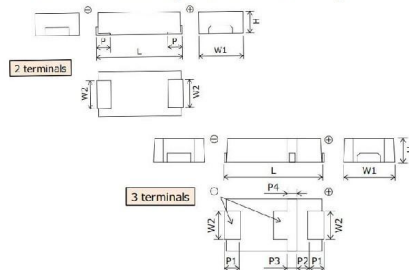


Features

- Large capacitance 560 μ F^a min
- Super Low ESR 3 m Ω max
- Low ESL(3-terminals:50 %less than 2-terminals) [Suffix:L¹ max.]
- High ripple current (10200 mA rms)
- RoHS compliance, Halogen free

Specifications	
Series	GX
Category temp.range	-55 ℃ to +105 ℃
Rated voltage range	2.0 V to 2.5 V
Nominal cap.range	330 μ F to 560 μ F
Capacitance tolerance	± 20 % (120 Hz/+20 ℃)
DC leakage current	$I \leq 0.1$ CV (μ A) 2 minutes
Dissipation factor (tan δ)	≤ 0.06 (120 Hz/+20 ℃)
Surge voltage(V)	Rated voltage $\times 1.25$ (15 ℃ to 35 ℃)
Endurance	+105 ℃ 2000 h, rated voltage applied
	Capacitance change Within ± 20 % of the initial value
	Dissipation factor(tan δ) ≤ 2 times of the initial limit
	DC leakage current ≤ 3 times of the initial limit
Damp heat (Steady state)	+60 ℃, 90 %, 500 h, No-applied voltage
	Capacitance change of initial measurd val ue ± 20 V to 2.5 V +70 %, -20 %
	Dissipation factor(tan δ) ≤ 2 times of the initial limit
	DC leakage current Within the initial limit
Marking	

Dimensions(not to scale)



R.voltage code	Unit:V
d	2.0
e	2.5

Unit:mm					
series	L ± 0.2	W1 ± 0.2	W2 ± 0.1	H ± 0.1	P ± 0.3
GX	7.3	4.3	2.4	1.9	1.3

Unit:mm							
Series	L ± 0.2	W1 ± 0.2	W2 ± 0.1	H ± 0.1	P1 ± 0.3	P2 ± 0.1	P3 ± 0.2
GX-L	7.3	4.3	2.4	1.9	1.3	1.1	0.7

^aExternals of figure are the reference.

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.
Should a safety concern arise regarding this product, please be sure to contact us immediately.

TRSMC

Series	Rated voltage (V)	Capacitance (μF)	Case size (mm)			Specification		The number of terminals		Part number	Min. Packaging Q'ty*3 (pcs)
			L	W	H	Ripple current*1 (mA rms)	ESR*2 (mΩ max.)	2	3		
GX	2.0	330	7.3	4.3	1.9	10200	3	0		EEFGX0D331R	3500
		470	7.3	4.3	1.9	10200	3	0		FFFGX0D471R	3500
			7.3	4.3	1.9	10200	3		0	EEFGX0D471L	3500
		560	7.3	4.3	1.9	10200	3	0		EEFGX0D561R	3500
			7.3	4.3	1.9	10200	3		0	EEFGX0D561L	3500
	2.5	330	7.3	4.3	1.9	10200	3	0		EEFGX0E331R	3500
		470	7.3	4.3	1.9	10200	3	0		EEFGX0E471R	3500
			7.3	4.3	1.9	10200	3		0	EEFGX0E471L	3500

*1:Ripple current(100 kHz/+45 °C)

*2:ESR(100 kHz /+20 °C)

*3:Please contact us when 500 pcs packing is necessary.

◆ Please refer to each page in this catarog for "Reflow conditions"and "Taping specifications".

Temperature coefficient of ripple current					
Temperature		T≤45 °C		45°C<T≤85 °C	85°C<T≤105 °C
2.0 V to 2.5 V	Coefficient	1.0		0.7	0.25

◆ Ripple current should be controlled so that surface temperature of capacitor does not exceed the category temperature.

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01 Nov. 2024