



< List of part numbers with package codes >  
 GRM188R60J476ME15D , GRM188R60J476ME15J

**Shape**

L size	1.6 ±0.2mm
W size	0.8 ±0.2mm
T size	0.8 ±0.2mm
External terminal width e	0.2 to 0.55mm
Distance between external terminals g	0.6mm min.
Size code in inch(mm)	0603 (1608M)

**Notes**

Measure capacitance after heat treatment.  
 Derating 1.  
 Only for mobile devices

**References**

Packaging	Specifications	Minimum quantity
D	φ 180mm Paper taping	4000
J	φ 330mm Paper taping	10000

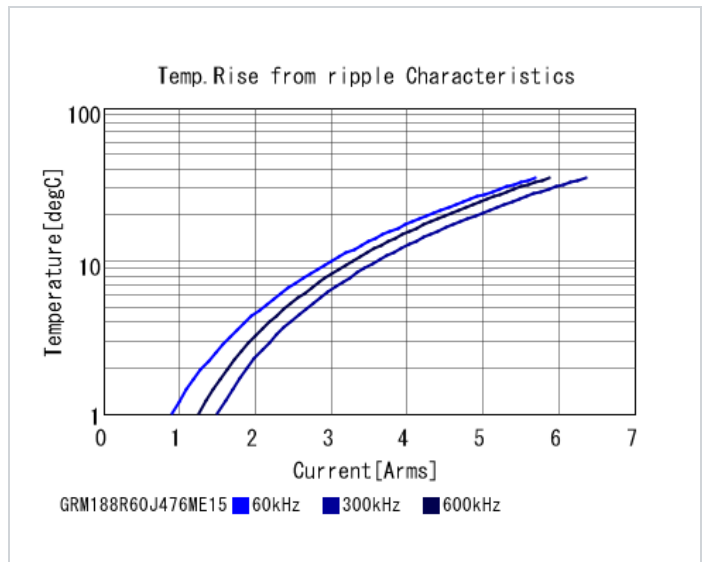
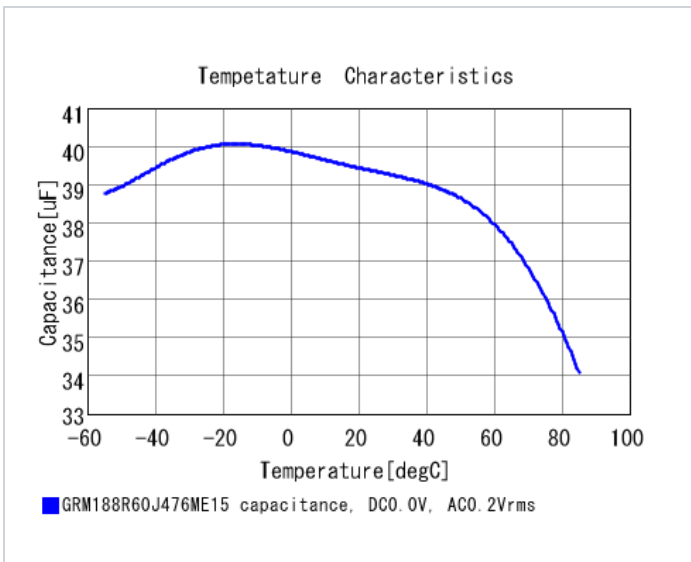
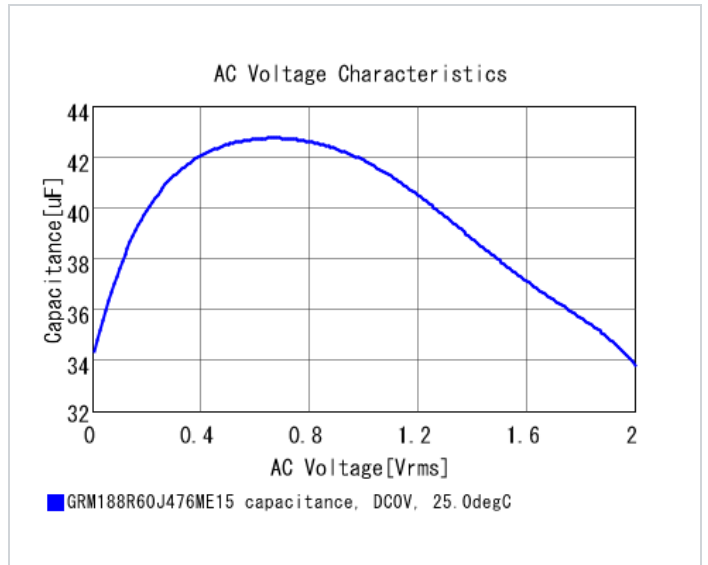
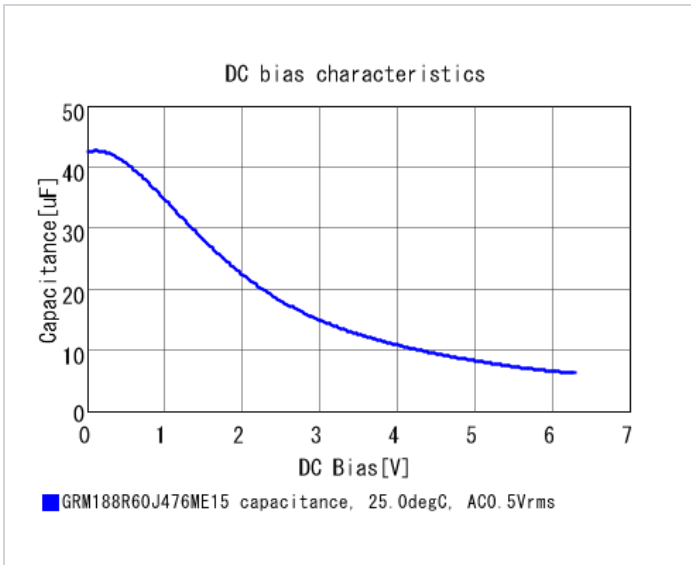
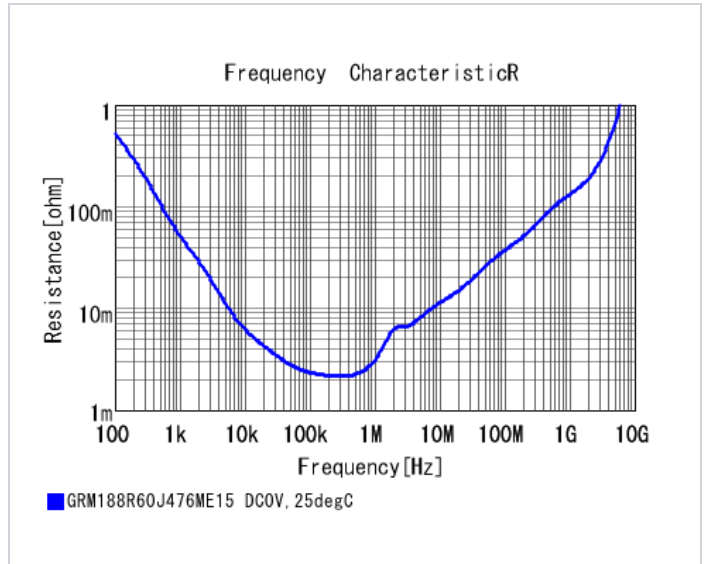
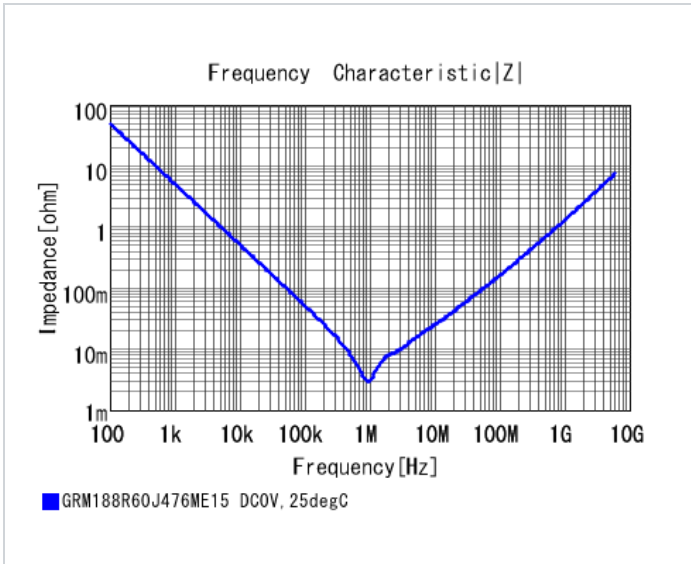
Mass (typ.)	
1 piece	9.1mg
φ 180mm Reel	166g

**Specifications**

Capacitance	47μF ±20%
Rated voltage	6.3Vdc
Temperature characteristics (complied standard)	X5R(EIA)
Capacitance change rate	±15.0%
Temperature range of temperature characteristics	-55 to 85°C
Operating temperature range	-55 to 85°C

**Attention**

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- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.



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