muRata Capacitor Data Sheet

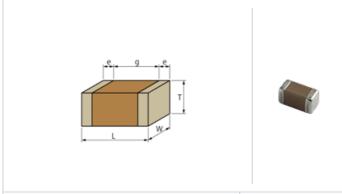# GRM158C80G226ME01# "#" indicates a package specification code.

| In Production | General | 105 °C max. | Reflow OK | RoHS | REACH | Derating 1 | For only mobile devices |

< List of part numbers with package codes >
GRM158C80G226ME01D , GRM158C80G226ME01J

Shape

L size	1.0 ±0.2mm
W size	0.5 ±0.2mm
T size	0.8 +0/-0.1mm
External terminal width e	0.15 to 0.35mm
Distance between external terminals g	0.3mm min.
Size code in inch(mm)	0402 (1005M)

Notes

Derating1。
Measure capacitance after heat treatment。
Only for mobile devices

References

Packaging	Specifications	Minimum quantity
D	φ180mm Paper taping	8000
J	φ330mm Paper taping	30000

Mass (typ.)	
1 piece	4.0mg

Specifications

Capacitance	22μF ±20%
Rated voltage	4Vdc
Temperature characteristics (complied standard)	X6S(EIA)
Capacitance change rate	±22.0%
Temperature range of temperature characteristics	-55 to 105℃
Operating temperature range	-55 to 105℃

⚠ **Attention**

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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.

Last updated: 2020/01/27