muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of GCM1555C1H820FA16# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=GCM1555C1H820FA16%23

# GCM1555C1H820FA16#

"#"at the end indicates the package specification code.

In Production | AEC-Q200 | RoHS | REACH | 125 ℃ max. | Reflow OK

## < List of part numbers with package codes >

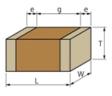GCM1555C1H820FA16D          GCM1555C1H820FA16W          GCM1555C1H820FA16J
GCM1555C1H820FA16V

## Applications

| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
|---|---|
| Specific Applications | Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment,Medical equipment [GHTF A/B/C] except for implant equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product. |

## References

| Packaging | Specifications | Standard Packing Quantity |
|---|---|---|
| D | φ180mm Reel Paper Tape | 10000 |
| W | φ180mm Reel W8P1 Paper Tape | 20000 |
| J | φ330mm Reel Paper Tape | 50000 |
| V | φ330mm Reel W8P1 Paper Tape | 100000 |

| Mass (typ.) | |
|---|---|
| 1 piece | 1.6mg |

## Appearance & Shape

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## Specifications

| | |
|---|---|
| Length | 1.0±0.05mm |
| Width | 0.5±0.05mm |
| Thickness | 0.5±0.05mm |
| Capacitance | 82pF ±1% |
| Distance between external terminals g | 0.3mm min. |
| External terminal size e | 0.15 to 0.35mm |
| Operating Temperature Range | -55℃ to 125℃ |
| Rated Voltage | 50Vdc |
| Size code in inch(mm) | 0402 (1005M) |
| TC | 0±30ppm/℃ |
| Temperature characteristics (complied standard) | C0G(EIA) |
| Temperature range of temperature characteristics | 25℃ to 125℃ |

**URL : https://www.murata.com/**

Last updated05/08/2024