

セラミック アンテナ

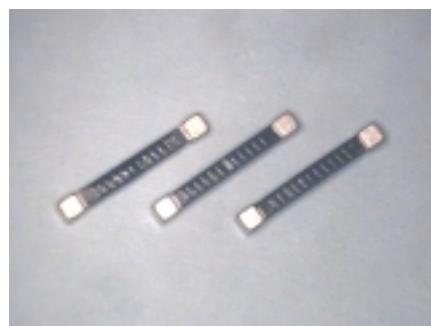
Ceramic Antenna

ヘリカルチップアンテナ

Helical Chip Antenna

高安定セラミック誘電体素子を用い、独自構造で高利得、低損失を実現したセラミックチップアンテナ

This ceramic antenna consists of high stable dielectric ceramic element and features are high gain and low loss with an original structure.



特長

- 小型、SMD 対応で機器内蔵に最適
- 高利得、低損失
- 優れた温度特性

Feature

- Small and SMD type built-in chip antenna
- High gain and Low loss
- Excellent temperature dependence

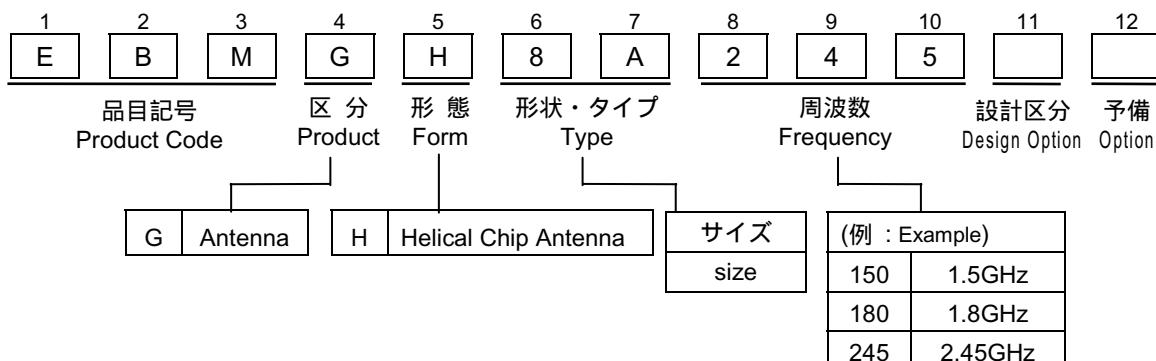
主な用途

- Bluetooth、W-LAN 用アンテナ
- 移動体通信端末用アンテナ

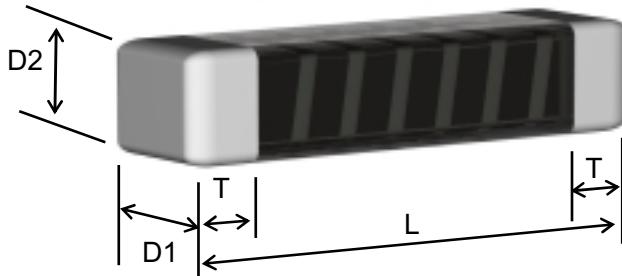
Recommended Applications

- Bluetooth , W-LAN Antenna
- Antenna for Telecommunications Equipment

品番構成 Explanation of Part Numbers



形状寸法(mm) Dimensions in mm (not to scale)



| | (mm) |
|----|------|
| L | 8.0 |
| D1 | 1.0 |
| D2 | 1.0 |
| T | 1.0 |

主要特性 Performance Characteristics

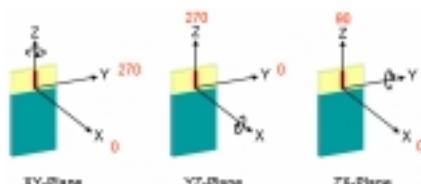
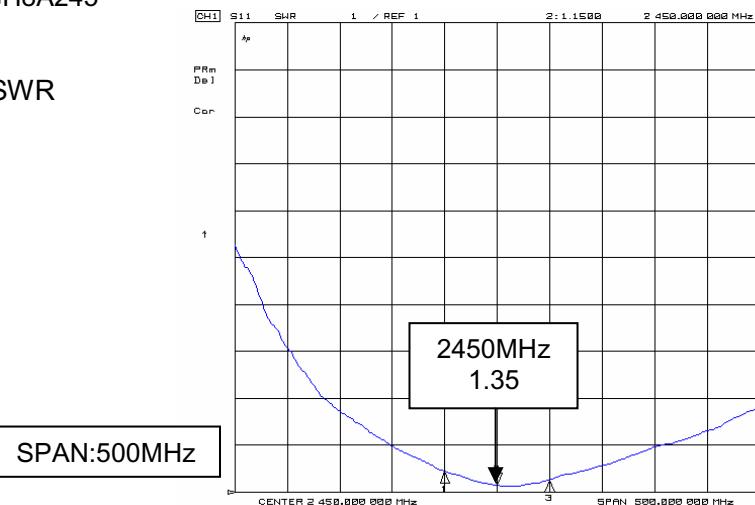
| 用途 Application | 品番 Part No. | 中心周波数 Center Frequency (MHz) | 最大利得 Gain (dBi min.) | VSWR (max.) |
|-------------------|--------------------------|------------------------------------|----------------------------|----------------|
| Wireless LAN | 802.11 b/g EBMGH8A244 | 2442 | -1.0 | 3.0 |
| | 802.11a EBMGH8A525 | 5250 | -1.0 | 3.0 |
| Bluetooth | | EBMGH8A245 | 2450 | -1.0 |
| Cellular | DCS/PCS EBMGH8A1□□□□ | 1795/1920 | -1.0 | 3.0 |
| | W-CDAM EBMGH8A204 | 2045 | -1.0 | 3.0 |
| GPS | | EBMGH8A157 | 1575.42 | -1.0 |

アンテナ特性 Antenna Characteristics

(代表例)

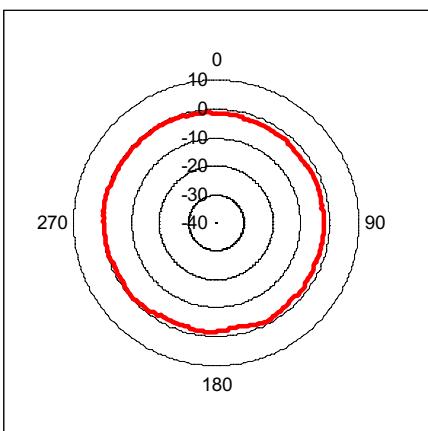
EBMGH8A245

VSWR

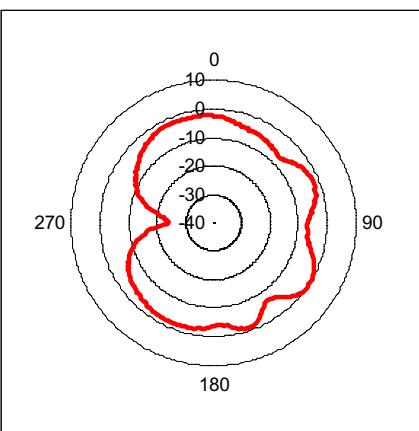


指向性特性
Directivity

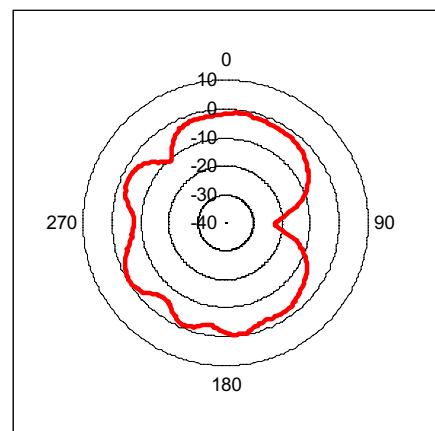
X-Y Plane



Y-Z Plane



Z-X Plane



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