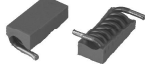


■ C3328A , C6328A

Frequency Range:10 ~ 1000MHz

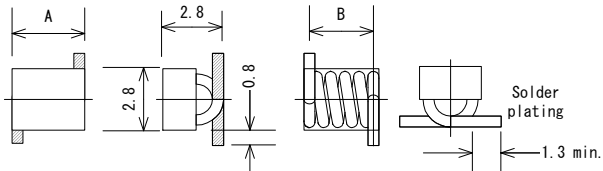
Inductance Range:8.0nH~43nH

Temperature Coefficient:+50±100ppm/°C



C3328A : A=3.3,B=2.9

C6328A : A=6.3,B=5.8



- Winding direction : Clockwise.
- Tolerance for dimension must be as $\pm 0.25\text{mm}$ unless otherwise specified.

Features

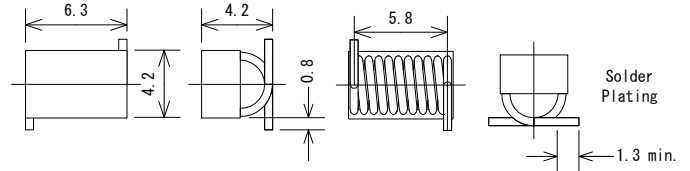
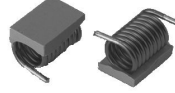
- SMD type air core inductor
- Tape/Reel packaging available for auto-insertion
- High Q coils

■ C6342A

Frequency Range:10 ~ 300MHz

Inductance Range:50nH ~ 135nH

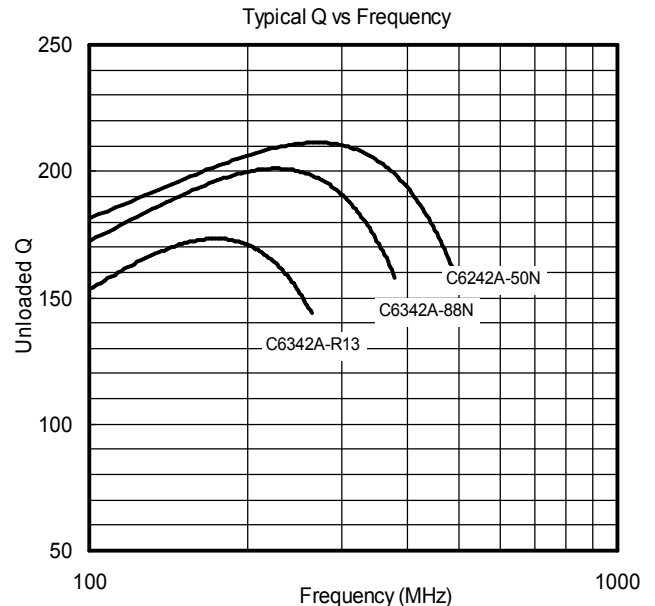
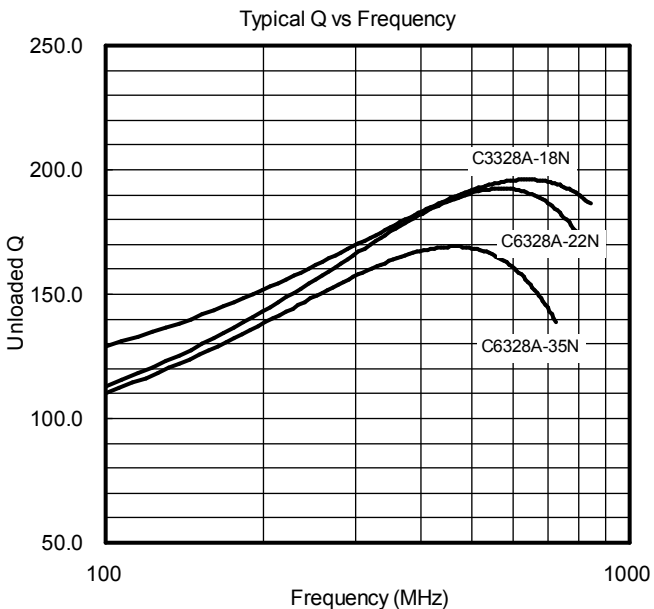
Temperature Coefficient:+50±100ppm/°C



- 巻線方向 : 時計回り
- 指定の無い公差は $\pm 0.25\text{mm}$ です。

特長

- 空芯コイルの面実装タイプ
- 自動装着用にテーピング品を用意
- Qの高いコイル



Notes: Graphs are based on typical values of each type, not specific values.

記事: 特性グラフは各タイプの代表値を基に作成しています。規格値ではありません。

Coil Selection Guide

| Inductance インダクタンス | | Q | | | Winding turns 巻数 (Ts) | | | Self resonance frequency 自己共振周波数 (GHz) | | |
|-----------------------|------|--------|--------|--------|--------------------------|--------|--------|---|--------|--------|
| Code | (nH) | C3328A | C6328A | C6342A | C3328A | C6328A | C6342A | C3328A | C6328A | C6342A |
| 8N0 | 8.0 | 140 | | | 3 | | | 5.0 | | |
| 12N | 12.5 | 140 | | | 4 | | | 3.0 | | |
| 18N | 18.5 | 135 | | | 5 | | | 2.5 | | |
| 17N | 17.5 | | 100 | | | 6 | | | 3.4 | |
| 22N | 22 | | 105 | | | 7 | | | 3.0 | |
| 28N | 28 | | 105 | | | 8 | | | 2.6 | |
| 35N | 35.5 | | 115 | | | 9 | | | 1.8 | |
| 43N | 43 | | 110 | | | 10 | | | 1.5 | |
| 50N | 50 | | | 125 | | | 6 | | | 1.00 |
| 67N | 67 | | | 125 | | | 7 | | | 0.80 |
| 88N | 88 | | | 125 | | | 8 | | | 0.70 |
| R11 | 110 | | | 120 | | | 9 | | | 0.65 |
| R13 | 135 | | | 110 | | | 10 | | | 0.50 |

Notes: 1. Measurement frequency of Inductance & Q: 150MHz.

記事: 1. インダクタンス・Qの測定周波数: 150MHz.

Inductance range インダクタンス範囲

| Tolerance | C3328A | C6328A | C6342A |
|-----------|--------------|-------------|------------|
| ±5% (J) | 8.0nH~18.5nH | 17.5nH~43nH | 50nH~135nH |
| ±2% (G) | 8.0nH~18.5nH | 17.5nH~43nH | 50nH~135nH |

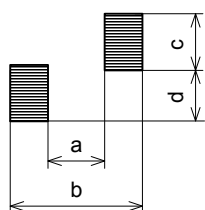
Temperature rise allowable current 温度上昇許容電流

| C3328A, C6328A | C6342A |
|----------------|--------|
| 4.0A | 3.0A |

Notes: 1. Temperature rise allowable current : A rise in temperature of inductor surface is within 20°C.

記事: 1. 温度上昇許容電流は、インダクタンスの表面温度上昇が20°C以下の直流電流値です。

Recommended Land Pattern 推奨ランドパターン



| Type | a | b | c | d |
|--------|-----|-----|-----|-----|
| C3328A | 1.6 | 4.2 | 3.3 | 2.8 |
| C6328A | 4.6 | 7.2 | 3.3 | 2.8 |
| C6342A | 4.6 | 7.2 | 3.8 | 3.3 |

Parts Code 品番コード例

| | | | |
|--------|---|-----|---|
| C3328A | — | 12N | J |
|--------|---|-----|---|

Type Inductance Code Tolerance
タイプ インダクタンスコード 許容差