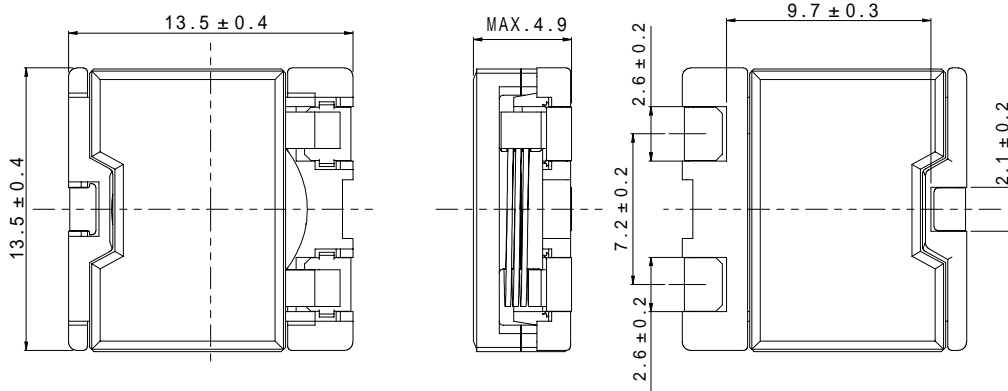


SPECIFICATION

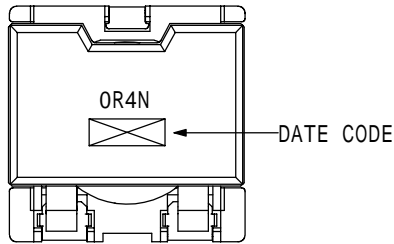
TYPE
CDEP134C

1. APPEARANCE

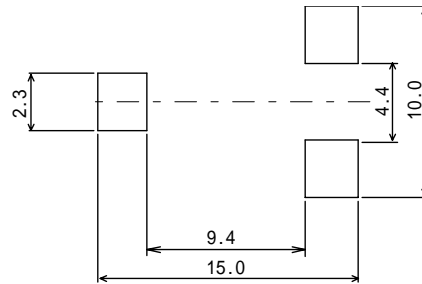
1-1. DIMENSIONS (mm)



1-2. STAMP (E.G.)

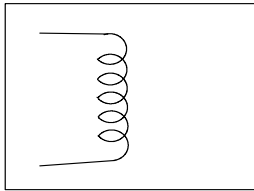


1-3. DIMENSION RECOMMENDED (mm)



2. COIL SPECIFICATION

2-1. CONNECTION (BOTTOM VIEW)



RoHS
compliance
Cd: Max. 0.01wt%
others: Max. 0.1wt%

SPECIFICATION

TYPE
CDEP134C

SPECIFICATION

TYPE
CDEP134C

2-2. ELECTRICAL CHARACTERISTICS- STANDARD TYPE (IN THE CASE OF REEL)

2-2. ELECTRICAL CHARACTERISTICS- STANDARD TYPE (IN THE CASE OF REEL)

| NO. | PART NO. | STAMP | INDUCTANCE [WITHIN] 1 | D.C.R. (m) [MAX.] 2 (at 20) | THE SATURATION CURRENT (A) 3 | | TEMPERATURE RISE (A) 4 T=40 | SUMIDA CODE | |
|-----|----------------------|----------------------|-------------------------------|---------------------------------------|-----------------------------------|----------|---|----------------|-------|
| | | | | | (at 20) | (at100) | | | |
| 01 | CDEP134CNP-ØR4NC-1ØØ | 0R4N | 0.4 µH ± 30% | 1.9(1.6) | 32.0 | 27.0 | 18.5 | -0001 | |
| 02 | CDEP134CNP-ØR9MC-1ØØ | 0R9M | 0.9 µH ± 20% | 2.5(2.1) | 21.6 | 18.4 | 17.0 | -0002 | |
| 03 | CDEP134CNP-1R6MC-1ØØ | 1R6M | 1.6 µH ± 20% | 3.7(3.1) | 16.0 | 13.8 | 15.0 | -0003 | |
| 04 | CDEP134CNP-2R5MC-1ØØ | 2R5M | 2.5 µH ± 20% | 6.6(5.5) | 12.8 | 11.0 | 10.5 | -0004 | |
| 05 | CDEP134CNP-3R6MC-1ØØ | 3R6M | 3.6 µH ± 20% | 10.8(9.0) | 10.9 | 9.1 | 8.0 | -0005 | |
| 06 | CDEP134CNP-4R8MC-1ØØ | 4R8M | 4.8 µH ± 20% | 12.0(10.0) | 9.3 | 8.0 | 7.5 | -0006 | |
| △ | 07 | CDEP134CNP-6R4MC-1ØØ | 6R4M | 6.4 µH ± 20% | 16.3(13.6) | 8.0 | 6.8 | 7.0 | -0007 |
| 08 | CDEP134CNP-8RØMC-1ØØ | 8RØM | 8.0 µH ± 20% | 18.4(15.3) | 7.2 | 6.1 | 6.5 | -0008 | |

ELECTRICAL CHARACTERISTICS- STANDARD TYPE (IN THE CASE OF BOX)

| NO. | PART NO. | STAMP | INDUCTANCE [WITHIN] 1 | D.C.R. (m) [MAX.] 2 (at 20) | THE SATURATION CURRENT (A) 3 | | TEMPERATURE RISE (A) 4 T=40 | SUMIDA CODE | |
|-----|----------------------|----------------------|-------------------------------|---------------------------------------|-----------------------------------|----------|---|----------------|-------|
| | | | | | (at 20) | (at100) | | | |
| 09 | CDEP134CNP-ØR4NB-1ØØ | 0R4N | 0.4 µH ± 30% | 1.9(1.6) | 32.0 | 27.0 | 18.5 | -0009 | |
| 10 | CDEP134CNP-ØR9MB-1ØØ | 0R9M | 0.9 µH ± 20% | 2.5(2.1) | 21.6 | 18.4 | 17.0 | -0010 | |
| 11 | CDEP134CNP-1R6MB-1ØØ | 1R6M | 1.6 µH ± 20% | 3.7(3.1) | 16.0 | 13.8 | 15.0 | -0011 | |
| 12 | CDEP134CNP-2R5MB-1ØØ | 2R5M | 2.5 µH ± 20% | 6.6(5.5) | 12.8 | 11.0 | 10.5 | -0012 | |
| 13 | CDEP134CNP-3R6MB-1ØØ | 3R6M | 3.6 µH ± 20% | 10.8(9.0) | 10.9 | 9.1 | 8.0 | -0013 | |
| 14 | CDEP134CNP-4R8MB-1ØØ | 4R8M | 4.8 µH ± 20% | 12.0(10.0) | 9.3 | 8.0 | 7.5 | -0014 | |
| △ | 15 | CDEP134CNP-6R4MB-1ØØ | 6R4M | 6.4 µH ± 20% | 16.3(13.6) | 8.0 | 6.8 | 7.0 | -0015 |
| 16 | CDEP134CNP-8RØMB-1ØØ | 8RØM | 8.0 µH ± 20% | 18.4(15.3) | 7.2 | 6.1 | 6.5 | -0016 | |



ELECTRICAL CHARACTERISTICS-HIGH POWER TYPE (IN THE CASE OF REEL)

| NO. | PART NO. | STAMP | INDUCTANCE [WITHIN] 1 | D.C.R. (m) [MAX.] 2 (at 20) | THE SATURATION CURRENT (A) 3 | | TEMPERATURE RISE (A) 4 T=40 | SUMIDA CODE |
|-----|---------------------|-------|-----------------------------|---------------------------------------|-----------------------------------|----------|---|----------------|
| | | | | | (at 20) | (at100) | | |
| 17 | CDEP134CNP-ØR3NC-75 | ØR3NH | 0.3 µH ± 30% | 1.9(1.6) | 35.0 | 32.0 | 18.5 | -0017 |
| 18 | CDEP134CNP-ØR6NC-75 | ØR6NH | 0.66 µH ± 30% | 2.5(2.1) | 29.6 | 24.0 | 17.0 | -0018 |
| 19 | CDEP134CNP-1R2MC-75 | 1R2MH | 1.2 µH ± 20% | 3.7(3.1) | 21.0 | 17.6 | 15.0 | -0019 |
| 20 | CDEP134CNP-1R8MC-75 | 1R8MH | 1.8 µH ± 20% | 6.6(5.5) | 17.6 | 14.4 | 10.5 | -0020 |
| 21 | CDEP134CNP-2R7MC-75 | 2R7MH | 2.7 µH ± 20% | 10.8(9.0) | 14.7 | 12.0 | 8.0 | -0021 |
| 22 | CDEP134CNP-3R6MC-75 | 3R6MH | 3.6 µH ± 20% | 12.0(10.0) | 12.5 | 10.2 | 7.5 | -0022 |
| 23 | CDEP134CNP-4R8MC-75 | 4R8MH | 4.8 µH ± 20% | 16.3(13.6) | 11.0 | 9.0 | 7.0 | -0023 |
| 24 | CDEP134CNP-6RØMC-75 | 6RØMH | 6.0 µH ± 20% | 18.4(15.3) | 9.6 | 8.0 | 6.5 | -0024 |

ELECTRICAL CHARACTERISTICS-HIGH POWER TYPE (IN THE CASE OF BOX)

| NO. | PART NO. | STAMP | INDUCTANCE [WITHIN] 1 | D.C.R. (m) [MAX.] 2 (at 20) | THE SATURATION CURRENT (A) 3 | | TEMPERATURE RISE (A) 4 T=40 | SUMIDA CODE |
|-----|---------------------|-------|-----------------------------|---------------------------------------|-----------------------------------|----------|---|----------------|
| | | | | | (at 20) | (at100) | | |
| 25 | CDEP134CNP-ØR3NB-75 | ØR3NH | 0.3 µH ± 30% | 1.9(1.6) | 35.0 | 32.0 | 18.5 | -0025 |
| 26 | CDEP134CNP-ØR6NB-75 | ØR6NH | 0.66 µH ± 30% | 2.5(2.1) | 29.6 | 24.0 | 17.0 | -0026 |
| 27 | CDEP134CNP-1R2MB-75 | 1R2MH | 1.2 µH ± 20% | 3.7(3.1) | 21.0 | 17.6 | 15.0 | -0027 |
| 28 | CDEP134CNP-1R8MB-75 | 1R8MH | 1.8 µH ± 20% | 6.6(5.5) | 17.6 | 14.4 | 10.5 | -0028 |
| 29 | CDEP134CNP-2R7MB-75 | 2R7MH | 2.7 µH ± 20% | 10.8(9.0) | 14.7 | 12.0 | 8.0 | -0029 |
| 30 | CDEP134CNP-3R6MB-75 | 3R6MH | 3.6 µH ± 20% | 12.0(10.0) | 12.5 | 10.2 | 7.5 | -0030 |
| 31 | CDEP134CNP-4R8MB-75 | 4R8MH | 4.8 µH ± 20% | 16.3(13.6) | 11.0 | 9.0 | 7.0 | -0031 |
| 32 | CDEP134CNP-6RØMB-75 | 6RØMH | 6.0 µH ± 20% | 18.4(15.3) | 9.6 | 8.0 | 6.5 | -0032 |

1 MEASURING FREQUENCY INDUCTANCE at 100kHz, 1V

2 () TYPICAL VALUE.

3 THE SATURATION CURRENT: THIS INDICATES THE VALUE OF D.C. CURRENT WHEN THE INDUCTANCE CREASES DECREASES TO 65% (WHILE THE TOLERANCE IS ±30%) OR 75% (WHILE THE TOLERANCE IS ±20%) OF IT'S NOMINAL

4 THE TEMPERATURE RISE: THE VALUE OF D.C.CURRENT WHEN THE TEMPERATURE RISE IS t = 40 (Ta = 20).

3. STORAGE TEMPERATURE RANGE : - 40 ~ + 125

OPERATING TEMPERATURE RANGE: - 40 ~ + 125 (INCLUDING SELF TEMPERATURE RISE)

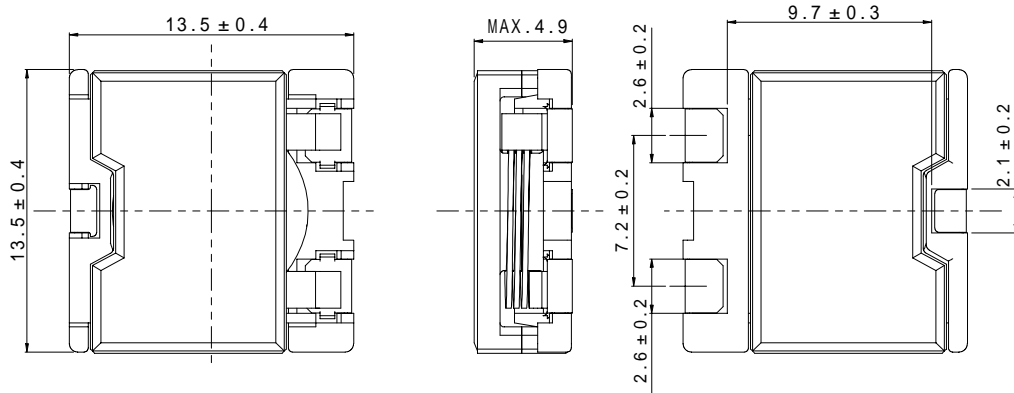


仕様書

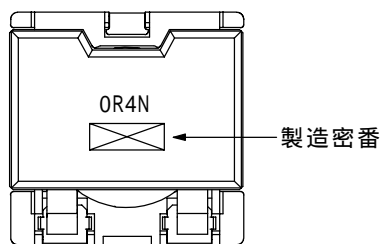
形名
CDEP134C

1. 外形

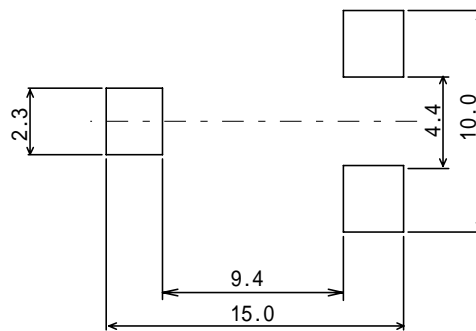
1-1. 寸法図(mm)



1-2. 捺印表示例

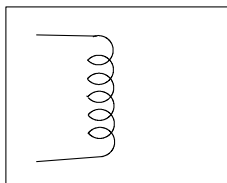


1-3. 推奨ランド図(mm)



2. コイル仕様

2-1. 端子接続図(裏面図)



RoHS
compliance
Cd: Max. 0.01wt%
others: Max. 0.1wt%

仕 様 書

| |
|------------------------|
| 形 名 C D E P 1 3 4 C |
|------------------------|

2-2. 電気的特性

電気的特性- STANDARD TYPE (リール梱包の場合)

| NO. | 品 名 | 表示 | インダクタンス [以内] 1 | D.C.R. (m) [以下] 2 (at 20) | 直流重畳飽和電流 (A) 3 | | 温度上昇 電流 (A) 4 T=40 | スミダ コ-ド |
|------|----------------------|------|----------------------|-------------------------------------|-------------------|-----------|--------------------------------|------------|
| | | | | | (at 20) | (at 100) | | |
| 01 | CDEP134CNP-ØR4NC-1ØØ | ØR4N | 0.4 µH ± 30% | 1.9(1.6) | 32.0 | 27.0 | 18.5 | -0001 |
| 02 | CDEP134CNP-ØR9MC-1ØØ | ØR9M | 0.9 µH ± 20% | 2.5(2.1) | 21.6 | 18.4 | 17.0 | -0002 |
| 03 | CDEP134CNP-1R6MC-1ØØ | 1R6M | 1.6 µH ± 20% | 3.7(3.1) | 16.0 | 13.8 | 15.0 | -0003 |
| 04 | CDEP134CNP-2R5MC-1ØØ | 2R5M | 2.5 µH ± 20% | 6.6(5.5) | 12.8 | 11.0 | 10.5 | -0004 |
| 05 | CDEP134CNP-3R6MC-1ØØ | 3R6M | 3.6 µH ± 20% | 10.8(9.0) | 10.9 | 9.1 | 8.0 | -0005 |
| 06 | CDEP134CNP-4R8MC-1ØØ | 4R8M | 4.8 µH ± 20% | 12.0(10.0) | 9.3 | 8.0 | 7.5 | -0006 |
| △ 07 | CDEP134CNP-6R4MC-1ØØ | 6R4M | 6.4 µH ± 20% | 16.3(13.6) | 8.0 | 6.8 | 7.0 | -0007 |
| 08 | CDEP134CNP-8RØMC-1ØØ | 8RØM | 8.0 µH ± 20% | 18.4(15.3) | 7.2 | 6.1 | 6.5 | -0008 |

電気的特性- STANDARD TYPE (箱梱包の場合)

| NO. | 品 名 | 表示 | インダクタンス [以内] 1 | D.C.R. (m) [以下] 2 (at 20) | 直流重畳飽和電流 (A) 3 | | 温度上昇 電流 (A) 4 T=40 | スミダ コ-ド |
|------|----------------------|------|----------------------|-------------------------------------|-------------------|-----------|--------------------------------|------------|
| | | | | | (at 20) | (at 100) | | |
| 09 | CDEP134CNP-ØR4NB-1ØØ | ØR4N | 0.4 µH ± 30% | 1.9(1.6) | 32.0 | 27.0 | 18.5 | -0009 |
| 10 | CDEP134CNP-ØR9MB-1ØØ | ØR9M | 0.9 µH ± 20% | 2.5(2.1) | 21.6 | 18.4 | 17.0 | -0010 |
| 11 | CDEP134CNP-1R6MB-1ØØ | 1R6M | 1.6 µH ± 20% | 3.7(3.1) | 16.0 | 13.8 | 15.0 | -0011 |
| 12 | CDEP134CNP-2R5MB-1ØØ | 2R5M | 2.5 µH ± 20% | 6.6(5.5) | 12.8 | 11.0 | 10.5 | -0012 |
| 13 | CDEP134CNP-3R6MB-1ØØ | 3R6M | 3.6 µH ± 20% | 10.8(9.0) | 10.9 | 9.1 | 8.0 | -0013 |
| 14 | CDEP134CNP-4R8MB-1ØØ | 4R8M | 4.8 µH ± 20% | 12.0(10.0) | 9.3 | 8.0 | 7.5 | -0014 |
| △ 15 | CDEP134CNP-6R4MB-1ØØ | 6R4M | 6.4 µH ± 20% | 16.3(13.6) | 8.0 | 6.8 | 7.0 | -0015 |
| 16 | CDEP134CNP-8RØMB-1ØØ | 8RØM | 8.0 µH ± 20% | 18.4(15.3) | 7.2 | 6.1 | 6.5 | -0016 |

仕 様 書

| |
|------------------------|
| 形 名 C D E P 1 3 4 C |
|------------------------|

電気的特性-HIGH POWER TYPE (リール梱包の場合)

| NO. | 品 名 | 表示 | インダクタンス [WITHIN] 1 | D.C.R. (m) [以下] 2 (at 20) | 直流重畳飽和電流 (A) 3 | | 温度上昇 電流 (A) 4 T=40 | スミダ コ - ド |
|-----|---------------------|-------|--------------------------|-------------------------------------|---------------------|-----------|----------------------------------|--------------|
| | | | | | (at 20) | (at 100) | | |
| 17 | CDEP134CNP-ØR3NC-75 | ØR3NH | 0.3 µH ± 30% | 1.9(1.6) | 35.0 | 32.0 | 18.5 | -0017 |
| 18 | CDEP134CNP-ØR6NC-75 | ØR6NH | 0.66 µH ± 30% | 2.5(2.1) | 29.6 | 24.0 | 17.0 | -0018 |
| 19 | CDEP134CNP-1R2MC-75 | 1R2MH | 1.2 µH ± 20% | 3.7(3.1) | 21.0 | 17.6 | 15.0 | -0019 |
| 20 | CDEP134CNP-1R8MC-75 | 1R8MH | 1.8 µH ± 20% | 6.6(5.5) | 17.6 | 14.4 | 10.5 | -0020 |
| 21 | CDEP134CNP-2R7MC-75 | 2R7MH | 2.7 µH ± 20% | 10.8(9.0) | 14.7 | 12.0 | 8.0 | -0021 |
| 22 | CDEP134CNP-3R6MC-75 | 3R6MH | 3.6 µH ± 20% | 12.0(10.0) | 12.5 | 10.2 | 7.5 | -0022 |
| 23 | CDEP134CNP-4R8MC-75 | 4R8MH | 4.8 µH ± 20% | 16.3(13.6) | 11.0 | 9.0 | 7.0 | -0023 |
| 24 | CDEP134CNP-6RØMC-75 | 6RØMH | 6.0 µH ± 20% | 18.4(15.3) | 9.6 | 8.0 | 6.5 | -0024 |

電気的特性-HIGH POWER TYPE (箱梱包の場合)

| NO. | 品 名 | 表示 | インダクタンス [WITHIN] 1 | D.C.R. (m) [以下] 2 (at 20) | 直流重畳飽和電流 (A) 3 | | 温度上昇 電流 (A) 4 T=40 | スミダ コ - ド |
|-----|---------------------|-------|--------------------------|-------------------------------------|---------------------|-----------|----------------------------------|--------------|
| | | | | | (at 20) | (at 100) | | |
| 25 | CDEP134CNP-ØR3NB-75 | ØR3NH | 0.3 µH ± 30% | 1.9(1.6) | 35.0 | 32.0 | 18.5 | -0025 |
| 26 | CDEP134CNP-ØR6NB-75 | ØR6NH | 0.66 µH ± 30% | 2.5(2.1) | 29.6 | 24.0 | 17.0 | -0026 |
| 27 | CDEP134CNP-1R2MB-75 | 1R2MH | 1.2 µH ± 20% | 3.7(3.1) | 21.0 | 17.6 | 15.0 | -0027 |
| 28 | CDEP134CNP-1R8MB-75 | 1R8MH | 1.8 µH ± 20% | 6.6(5.5) | 17.6 | 14.4 | 10.5 | -0028 |
| 29 | CDEP134CNP-2R7MB-75 | 2R7MH | 2.7 µH ± 20% | 10.8(9.0) | 14.7 | 12.0 | 8.0 | -0029 |
| 30 | CDEP134CNP-3R6MB-75 | 3R6MH | 3.6 µH ± 20% | 12.0(10.0) | 12.5 | 10.2 | 7.5 | -0030 |
| 31 | CDEP134CNP-4R8MB-75 | 4R8MH | 4.8 µH ± 20% | 16.3(13.6) | 11.0 | 9.0 | 7.0 | -0031 |
| 32 | CDEP134CNP-6RØMB-75 | 6RØMH | 6.0 µH ± 20% | 18.4(15.3) | 9.6 | 8.0 | 6.5 | -0032 |

1 測定周波数 インダクタンス at 100kHz、1V

2 ()は、標準値とする。

3 直流重畳飽和電流：直流重畳飽和電流を流した時、インダクタンスは公称インダクタンスの65%以上(1の公差が±30%時)、又は75%以上(1の公差が±20%時)を示す電流値。

4 温度上昇：通電時、コイルの温度上昇が T=40 になる電流の実力値。(Ta=20 を基準とする。)

3. 保存温度範囲 -40 ~ +125
 使用温度範囲 -40 ~ +125 (コイルの発熱を含む。)

