| Product Series :   | GTLVRM        | Brand :        | GOTREND                |
|--------------------|---------------|----------------|------------------------|
| File Version :     | GTLVRM-SERIES | Prepared by :  | Yinghui Guo            |
| Established Date : | 2025.06.16    | Description :  | Coupled Inductors      |
| Latest Edit Date : | 2025.06.16    | Product Type : | ☑ Standard ☐ Customize |

#### **Version Information:**

| SN | Date       | Version Code | Modify Description          | Checked by | Approved by |
|----|------------|--------------|-----------------------------|------------|-------------|
| 01 | 2025.06.16 | V1R0         | New version update release. | Danny Li   | Danny Li    |
|    |            |              |                             | -          |             |
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| Product Series :   | GTLVRM        | Brand :        | GOTREND                |
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| Established Date : | 2025.06.16    | Description :  | Coupled Inductors      |
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# !\ REMINDERS

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- ♦ This catalog contains only typical specifications, please contact GOTREND Technology for further details if you can not find special components or information you need in this catalogue. Please also approve our product specifications or transact the approval sheet for product specifications before ordering.
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- Products listed in this catalog are intended for general electronic device usage under normal operation and use condition including telecommunication equipment, home appliances, sports equipment AV equipment, industrial machine, office equipment etc. Please take note that our products are not designed, intended or authorized for use in below mentioned applications unless explicitly agreed in writing between the parties to avoid product failure that could result in situation where personal injury or death could occur.
  - (1) Aerospace/Aviation equipment
  - (2) Atomic energy-related equipment
  - (3) Disaster prevention/crime prevention equipment
  - (4) Electric heating apparatus, burning equipment
  - (5) Medical equipment
  - (6) Military equipment
  - (7) Power-generation control equipment
  - (8) Public information-processing equipment
  - (9) Safety equipment
  - (10) Seabed equipment
  - (11) Transportation control equipment
  - (12) Transportation equipment (cars, electric trains, ships, etc.)
  - (13) Other applications that are not considered general-purpose applications
- Our manufacturing sites fully compliance with requirement regarding the quality management system in the automotive industry under the IATF 16949 standard. GOTREND Technology respect individual agreements with reference to customer requirements and customer specific requirements (CSR). We will like to emphasize that only requirements mutually agreed upon will in implemented in our Quality Management System taking into consideration that IATF 16949 may appear to support the acceptance of unilateral requirements. We will only legally bind to this individually agreed upon agreement under the IATF 16949 standard.
- The product itself is a powder metallurgy product, so the structure is relatively fragile, and it should not be used for products that are easy to fall. In addition, when this product is assembled, it should avoid collision with the tool or mechanism shell.



♦ It is not recommended to use hot air gun for disassembling of this product. When using of hot air gun to repair other parts, please also take note that long time or high temperature exposure of this product will also damage the inductance device. If you need to use the hot air gun to disassemble the product, it is recommended to adjust the hot air gun temperature to 380 deg.C±5 deg.C. The blower head of the hot air gun should be perpendicular and at least 1cm away from the product. After heating the product to the tin material melting point, use tweezers to remove the product from the PCB.





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| Established Date : | 2025.06.16    | Description :  | Coupled Inductors      |
| Latest Edit Date : | 2025.06.16    | Product Type : | ☑ Standard ☐ Customize |

#### Features & Application:

- \* PMIC multiphase voltage regulators
- \* New architecture Voltage Regulator Modules (TLVR)
- \* PC、Server、IPC、VRM and EVRD
- \* Data networks and storage systems
- \* Graphics cards, Battery power systems and PMIC control
- \* Point-of-load modules (POL)
- \* DCR sensing circuits

#### Part No. Example:

| PN | : | GTLVRM  | 105010     | Р     | S   | - | R10 | M |
|----|---|---------|------------|-------|-----|---|-----|---|
|    |   |         |            |       |     |   |     |   |
| ID | : | 1       | 2          | 3     | 4   |   | 5   | 6 |
| 1  |   | COTPENI | Sorios : ( | 2TI V | /DI | 1 |     |   |

1 : GOTREND Series : GTLVRM

2 : Type Size Code : 105010 = 9.8 x 4.8 x 9.8 mm

3 : P = Pb free < 1000 ppm</li>
 4 : [T][S]: Material Code.
 5 : Inductance: R10 = 0.10 uH
 6 : Tolerance: M = +/-20%

#### **Operating & Storage Condition:**

2.  $-40 \sim +125 \,^{\circ}\mathbb{C}$  ( On board )

\* Storage Life Time 6 Month (Less than 40°C and 60% RH)

#### Attention & Caution :

\* Keep out of Splashing water or salt water

\* Avoid Toxic Gas (Hydrogen sulfide, Sulfurous acid, Chlorine, Ammonia)
Vibrations or shocks which exceed the specified condition

Dew condense

Layout near the edge of PCB

Over flexure after SMT mounting & PCBA

\* Pin foot or SMD pad solderablility: Pb free type is best within 6 months after delivery

- \* Humidity sensitive , IPC/JEDEC J-STD-020 MSL if over Level 1, recommend bake 30mins@150 degree before PCBA
- \* Caution for human life relative applications : PLS contact & consult with GOTREND team in design stage.

#### **Test Condition:**

\* Equipment HP4284A, HP42841A - L, Q, DCR, IDC

HP8753D Network analyzer - SRF

\* Standard Atmosphere Conditions:

Ambient Temperature  $20 \pm 15$  °C Humidity RH  $65 \pm 20\%$ 

\* If there may be any doubt on the test result ,

Measurement shall be made within the following limits:

Ambient Temperature 25 ± 5 °C

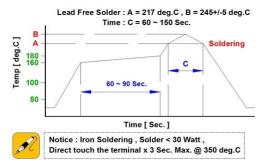
Humidity RH 75 ± 10%

( Picture for reference only )

#### **Basic Information:**

Made in Pin Foot SMD
Shielding Yes
J-STD-020 MSL Level 1
ROHS Compliant
REACH Compliant
Halogen Free

#### Recommend IR Reflow Curve: GTX-IR-FILE001





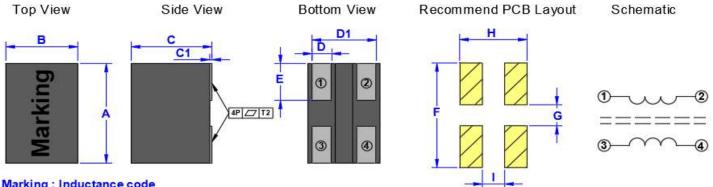
**Product Series: GTLVRM** Brand: GOTREND File Version: **GTLVRM-SERIES** Prepared by: Yinghui Guo Established Date : 2025.06.16 Description: Coupled Inductors Latest Edit Date : 2025.06.16 **Product Type:** ☑ Standard ☐ Customize

| Coupled Inductors- ( | GTLVRM              | Series Ty         | ре                |  |                       |                       |                       |      |
|----------------------|---------------------|-------------------|-------------------|--|-----------------------|-----------------------|-----------------------|------|
| Part Name            | L<br>( mm )<br>Typ. | W<br>(mm)<br>Typ. | H<br>(mm)<br>Typ. | Inductance Range<br>( uH )<br>M=+/-20% | DCR<br>( mΩ )<br>Typ. | Isat<br>( A )<br>Typ. | Irms<br>( A )<br>Typ. | Page |
| GTLVRM805060PT       | 7.8                 | 4.8               | 5.8               | 0.085                                  | 0.28                  | 93.0                  | 54.0                  | 5    |
| GTLVRM105010PS       | 9.8                 | 4.8               | 9.8               | 0.10                                   | 0.15                  | 125.0                 | 70.0                  | 6    |
| GTLVRM107360PT       | 9.7                 | 7.0               | 5.7               | 0.08                                   | 0.14                  | 90.0                  | 70.0                  | 7    |
| GTLVRM114275PT       | 11.0                | 4.0               | 7.3               | 0.08                                   | 0.13                  | 120.0                 | 69.0                  | 8    |
| GTLVRM117050PT       | 11.0                | 6.7               | 4.7               | 0.08                                   | 0.18                  | 100.0                 | 72.0                  | 9    |

GOTREND **Product Series: GTLVRM** Brand: File Version: GTLVRM-SERIES Prepared by: Yinghui Guo **Established Date:** 2025.06.16 **Description: Coupled Inductors** Latest Edit Date : 2025.06.16 **Product Type:** ☑ Standard ☐ Customize

#### GTLVRM805060PT-SERIES

#### Dimension [ mm ]:



#### Marking: Inductance code

| Size   | A (+/-0.2) | B (+/-0.1) | C (+/-0.2) | C1         | D (+/-0.2)     | D1 (+/-0.2) | E (+/-0.2) |
|--------|------------|------------|------------|------------|----------------|-------------|------------|
|        | 7.80       | 4.80       | 5.80       | 0.003~0.15 | 1.20           | 4.10        | 2.65       |
| 805060 | F (Ref.)   | G (Ref.)   | H (Ref.)   | I (Ref.)   | 4P <i>□</i> T2 |             |            |
|        | 8.20       | 2.10       | 4.50       | 1.30       | < 0.10         |             |            |

#### **Electrical Characteristics:**

| Part No.            | Electrode pin | Inductance<br>(uH) | Tolerance | Irms<br>( A ) |      | lsat<br>( A ) |      | DCR<br>(mΩ) |      |
|---------------------|---------------|--------------------|-----------|---------------|------|---------------|------|-------------|------|
|                     | position      | (di i)             |           | Тур.          | Max. | Тур.          | Max. | Тур.        | Max. |
| GTLVRM805060PT-85NM | P1-2 , P3-4   | 0.085              | М         | 54.0          | 50.0 | 93.0          | 80.0 | 0.28        | 0.33 |

\* Testfrequency: @100.0KHz, 1.0Vrms, 25°C Ambient.

\* Inductance Tolerance : M = +/-20%



<sup>\*</sup> Irms: Rated Current Loading when temperature rise approximately 40°C.

<sup>\*</sup> Isat: Saturated Current measured at the point of L drop approximately 30%.

<sup>\*</sup> The part temperature (ambient + temp rise): should not exceed 125°C under worst case operating conditions. Circuit design, component, PCB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.

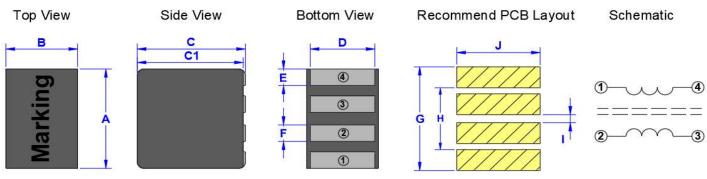
<sup>\*</sup> Irms Testing: Temperature rise is highly dependent on many factors including pcb land pattern, trace size, and proximity to other components. Therefore temperature rise should be verified in application conditions.

<sup>\*</sup> RatedDCcurrent: Thelowervalueof IrmsandIsat.

**Product Series: GTLVRM** Brand: **GOTREND** GTLVRM-SERIES File Version: Prepared by: Yinghui Guo Established Date : 2025.06.16 Description: Coupled Inductors Latest Edit Date : 2025.06.16 **Product Type:** ☑ Standard ☐ Customize

#### GTLVRM105010PS-SERIES

#### Dimension [ mm ] :



#### Marking: Inductance code

| Size   | A (+/-0.2) | B (+/-0.2) | C (+/-0.2) | C1 (+/-0.2) | D (+/-0.2) | E (+/-0.2) | F (+/-0.2) |
|--------|------------|------------|------------|-------------|------------|------------|------------|
|        | 9.80       | 4.80       | 9.80       | 9.80        | 4.50       | 1.50       | 1.50       |
| 105010 | G (Ref.)   | H (Ref.)   | I (Ref.)   | J (Ref.)    |            |            |            |
|        | 10.00      | 6.41       | 1.00       | 4.80        |            |            |            |

#### **Electrical Characteristics:**

| Part No.            | Electrode pin position (uH) |        | Coupling<br>Coefficient | Irms<br>(A) |      | Isat<br>(A) |       | DCR<br>(mΩ) |       |
|---------------------|-----------------------------|--------|-------------------------|-------------|------|-------------|-------|-------------|-------|
|                     |                             | +/-20% | Тур.                    | Тур.        | Max. | Тур.        | Max.  | Тур.        | Max.  |
| GTLVRM105010PS-R10M | P1-4                        | 0.10   | 0.90                    | 70.0        | 65.0 | 125.0       | 110.0 | 0.150       | 0.165 |
|                     | P2-3                        | 0.10   | 0.90                    | 36.0        | 33.5 | 125.0       | 110.0 | 0.560       | 0.616 |



<sup>\*</sup> Add bias current test condition: @100.0KHz, 1.0Vrms, 25°C Ambient.

<sup>\*</sup> Inductance Tolerance : M = +/-20%

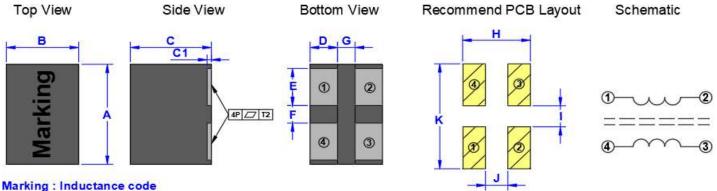
<sup>\*</sup> Isat : DC current at which the inductance drops approximate 30% TYP from its value without current.

<sup>\*</sup> Absolute maximum voltage: 100VDC.

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#### GTLVRM107360PT-SERIES

#### Dimension [ mm ]:



| Size   | A (+/-0.3) | B (+/-0.3) | C (+/-0.3) | C1 (+/-0.3)         | D (+/-0.3) | E (+/-0.3) | F (+/-0.3) |
|--------|------------|------------|------------|---------------------|------------|------------|------------|
|        | 9,7        | 7.00       | 5.70       | 5.70 0.70 2.80 3.50 |            | 1.70       |            |
| 107360 | G (+/-0.3) | H (Ref.)   | I (Ref.)   | J (Ref.)            | K (Ref.)   | 4P ∕ 7 T2  |            |
|        | 1.40       | 7.30       | 1.70       | 1.40                | 9.00       | ≤0.10      |            |

#### **Electrical Characteristics:**

| Part No.            | Electrode pin position | Inductance<br>(uH) | Coupling<br>Coefficient | Irms<br>(A) |      | Isat<br>(A) |      | DCR<br>( mΩ ) |      |
|---------------------|------------------------|--------------------|-------------------------|-------------|------|-------------|------|---------------|------|
|                     |                        |                    | Тур.                    | Тур.        | Max. | Тур.        | Max. | Тур.          | Max. |
| GTLVRM107360PT-80NM | P1-2 , P3-4            | 0.08               | 0.05                    | 70.0        | 60.0 | 90.0        | 78.0 | 0.14          | 0.16 |

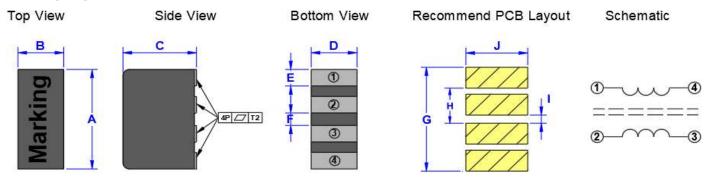
- \* Inductance Tolerance: M = +/-20%
- \* Isat: Saturated Current measured at the point of L drop approximately 30%.
- \* The part temperature (ambient + temp rise): should not exceed 125°C under worst case operating conditions. Circuit design, component,PCB trace size and thickness,airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.
- \* Irms Testing: Temperature rise is highly dependent on many factors including pcb land pattern, trace size, and proximity to other components. Therefore temperature rise should be verified in application conditions.
- \* RatedDCcurrent: Thelowervalueof IrmsandIsat.



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#### GTLVRM114275PT-SERIES

#### Dimension [ mm ]:



### Marking: Inductance code

| Size   | A (+/-0.2) | B (+/-0.2) | C (+/-0.2) | D (+/-0.2) | E (+/-0.3) | F (+/-0.3) | G (+/-0.3) |
|--------|------------|------------|------------|------------|------------|------------|------------|
|        | 11.00      | 4.00       | 7.30       | 4.00       | 1.55       | 1.60       | 11.30      |
| 114275 | H (Ref.)   | I (Ref.)   | J (Ref.)   | 4P∕7 T2    |            |            |            |
|        | 4.45       | 1.30       | 4.30       | ≤0.10      |            |            |            |

#### **Electrical Characteristics:**

| Part No.                     | Electrode pin position | Inductance<br>(uH) | Coupling<br>Coefficient |      | ns<br>A) | ls<br>( A | at<br>A) | D(<br>( m | CR<br>Ω) |
|------------------------------|------------------------|--------------------|-------------------------|------|----------|-----------|----------|-----------|----------|
|                              | ·                      | , ,                | Тур.                    | Тур. | Max.     | Тур.      | Max.     | Тур.      | Max.     |
| GTLVRM114275PT-80NM          | P1-4                   | 0.08               | 0.90                    | 69.0 | 62.0     | 120.0     | 105.0    | 0.13      | 0.16     |
| GTEVINITI 1427 JF 1-00 INIVI | P2-3                   | 0.08               | 0.90                    | 37.0 | 32.0     | 110.0     | 95.0     | 0.45      | 0.60     |

\* Testfrequency : @100.0KHz , 1.0Vrms, 25  $^{\circ}\mathrm{C}$  Ambient.



<sup>\*</sup> Inductance Tolerance: M = +/-20%

<sup>\*</sup> Isat: Saturated Current measured at the point of L drop approximately 30%.

<sup>\*</sup> The part temperature (ambient + temp rise): should not exceed 125°C under worst case operating conditions. Circuit design, component, PCB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.

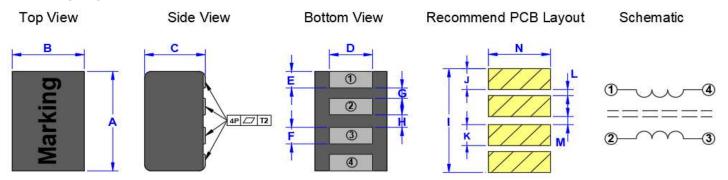
<sup>\*</sup> Irms Testing: Temperature rise is highly dependent on many factors including pcb land pattern, trace size, and proximity to other components. Therefore temperature rise should be verified in application conditions.

<sup>\*</sup> RatedDCcurrent: Thelowervalueof IrmsandIsat.

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#### GTLVRM117050PT-SERIES

#### Dimension [ mm ]:



#### Marking: Inductance code

| Size       | A (+/-0.3) | B (+/-0.3) | C (+/-0.3) | D (+/-0.2) | E (+/-0.2) | F (+/-0.2) | G (+/-0.2) |
|------------|------------|------------|------------|------------|------------|------------|------------|
| 117050     | 11.00      | 6.70       | 4.70       | 3.30       | 1.30       | 1.40       | 1.85       |
| H (+/-0.2) | I (Ref.)   | J (Ref.)   | K (Ref.)   | L (Ref.)   | M (Ref.)   | N (Ref.)   | 4P∕ T2     |
| 1.90       | 11.20      | 1.50       | 1.60       | 1.65       | 1.70       | 3.50       | ≤0.10      |

#### **Electrical Characteristics:**

| Part No.                  | Electrode pin position | Inductance<br>(uH) | Tolerance |      | ns<br>A) | ls<br>( A | at<br>A) | D(<br>( m | CR<br>Ω) |
|---------------------------|------------------------|--------------------|-----------|------|----------|-----------|----------|-----------|----------|
|                           |                        | , ,                |           | Тур. | Max.     | Тур.      | Max.     | Тур.      | Max.     |
| GTLVRM117050PT-80NM       | P1-4                   | 0.08               | М         | 72.0 | 67.0     | 100.0     | 90.0     | 0.18      | 0.22     |
| GTEVINIVITI/030FT-00INIVI | P2-3                   | 0.08               | М         | 50.0 | 45.0     | 100.0     | 90.0     | 0.45      | 0.54     |

<sup>\*</sup> Testfrequency : @100.0KHz , 1.0Vrms, 25  $^{\circ}{\mathbb C}$  Ambient.



<sup>\*</sup> Inductance Tolerance: M = +/-20%

<sup>\*</sup> Isat: Saturated Current measured at the point of L drop approximately 30%.

<sup>\*</sup> The part temperature (ambient + temp rise): should not exceed 125°C under worst case operating conditions. Circuit design, component, PCB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.

<sup>\*</sup> Irms Testing: Temperature rise is highly dependent on many factors including pcb land pattern, trace size, and proximity to other components. Therefore temperature rise should be verified in application conditions.

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#### Care note:

#### Care note for Use:

#### (1) Storage Condition:

Temperature 25 to 35 °C, Humidity 45 to 60% RH

#### (2) Use Temperature:

- a. Minimum Temperature : -40 °C Ambient temperature of this product.
- b. Maximum Temperature: +125 °C The value of temperature including ambient and temperature rise of this product.
- c. Reliability test temperature range from -40  $\sim$  +125  $^{\circ}\mathrm{C}$
- d. However, this is not meant as temperature grade guarantee for UL.

#### (3) Model:

When this product was used in a similar or as new product to the original one, sometimes it might be unable to satisfy the specifications due to difference in condition of usage.

#### (4) Drop:

If this product suffered mechanical stress such as drop, characteristics may become poor ( due to damage on coil / bobbin / ferrite ... etc. )

Never use such stressed product.

#### Care note for Safety:

#### (1) Provision to Abnormal Condition:

This product itself does not have any protective function in abnormal condition such as overload, short-circuit and open-circuit conditions, etc.

Therefore, it shall be confirmed from the end product that there is no risk of smoking, fire, dielectric withstand voltage insulation resistance, etc. in abnormal conditions to provide protective devices and /or protection circuit in the end product.

#### (2) Temperature Rise:

Temperature rise on this product depends on the installation condition on end products.

It shall be confirmed on the actual end product that temperature rise of this product is within the specified temperature class limit.

#### (3) Dielectric Strength:

Dielectric withstanding test with higher voltage than specific value will damage insulating material and shorten its life.

#### (4) Water:

This product must not be used in wet condition resulted from water, coffee or any liquid contact because insulation strength becomes very low under such condition.

#### (5) Potting:

If this product is potted in some compound, coating material of magnet wire might be occasionally damaged. Please ask us if you intend to pot this product.

#### (6) Detergent:

Please consult our company immediately once under such circumstances because product reliability confirmation etc. is needed when this product come in contact with these chemicals.



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| Latest Edit Date : | 2025.06.16    | Product Type : | ☑ Standard ☐ Customize |

# Reliability:

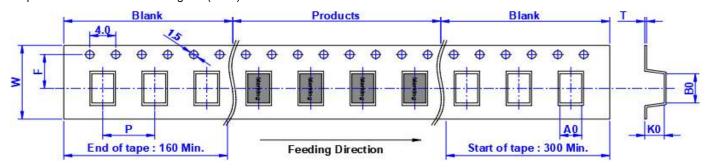
| SN | Test Item                            |   | Test Condition   |   | Specification                                |
|----|--------------------------------------|---|--|---|--|
| 1  | Dimension                            | Actual Size   |  |   | Meet Spec                                    |
| 2  | Thermal Shock<br>(Temperature Cycle) | Temperature : -4<br>Cycle : 100 Cycle                       | $0 \sim +125 ^{\circ}\mathbb{C}$ kept stabilizes ( power off ) | ed for 30 min. each                             | Elec. no variation Appearance no deformation |
| 3  | Humidity Resistance                  | Humidity: 90% ~<br>Temperature: 60                          | - 95% RH<br>0 ± 2 ℃,Test Time : 96 :                           | ± 2 Hours                                       | Elec. no variation Appearance no deformation |
| 4  | HighTemperature                      | Temperature : 12<br>Testing Time : 96                       | 6 ± 2 Hours  |   | Elec. no variation Appearance no deformation |
| 5  | Low Temperature                      | Temperature : -4<br>Time : 96 ± 2 Ho                        |  |   | Elec. no variation Appearance no deformation |
| 6  | Temperature and<br>Humidity Cycle    | Temperature  25 °C  55 °C  25 °C  Cycle : 20 Cycles         | Humidity 90% ~ 95% RH 95% ~ 96% RH 90% ~ 95% RH                | Time<br>3.0 Hr<br>5.0 Hr<br>3.0 Hr              | Elec. no variation Appearance no deformation |
| 7  | Vibration                            | Frequency: 10H  | z ~ 55Hz, Amplitude : 1.<br>Z, Time : 2 Hours each             |   | Elec. no variation Appearance no deformation |
| 8  | Solderability                        |   |  | Elec. no variation<br>Appearance no deformation |  |
| 9  | Soldering Heat<br>Resistance         | Preheat : 160 ± 1<br>Solder : Sn / Ag /<br>Solder Temp. : 2 |  | econds  | Elec. no variation Appearance no deformation |
| 10 | Iron Solder Heat<br>Resistance       | Solder Temp. : 3<br>Flux : Rosin, Tir                       | $50 \pm 5 ^{\circ}\mathrm{C}$ me : $3 \pm 1$ seconds           |   | Elec. no variation Appearance no deformation |
| 11 | Bending Strength                     | Unit : mm   | 10 x 10 R:   | Elec. no variation<br>Appearance no deformation |  |
| 12 | Flexure Strength                     | Unit : mm   | 10 x 20  4.5 - 4.5  Solder cream 0.15 mr                       | Elec. no variation<br>Appearance no deformation |  |
| 13 | Terminal Strength                    | Mount on F<br>Solder Cre                                    | - 1 (XXX)  | I0N force to X , Y<br>on                        | Elec. no variation Appearance no deformation |
| 14 | Load life                            | Temperature : 25<br>Load : Allowed D                        | 5 ± 3 ℃<br>OC Current,Test Time : 9                            | 96 ± 2 Hours                                    | Elec. no variation Appearance no deformation |



| Product Series :   | GTLVRM        | Brand :        | GOTREND                |
|--------------------|---------------|----------------|------------------------|
| File Version :     | GTLVRM-SERIES | Prepared by :  | Yinghui Guo            |
| Established Date : | 2025.06.16    | Description :  | Coupled Inductors      |
| Latest Edit Date : | 2025.06.16    | Product Type : | ✓ Standard ☐ Customize |

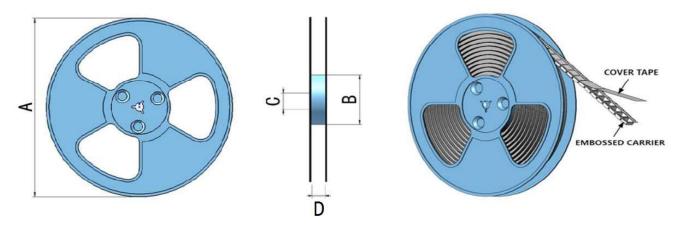
### **Packaging Information:**

Tape Dimension Schematic Diagram ( mm ):



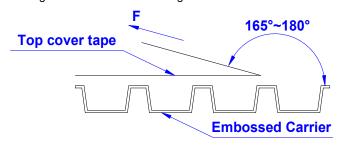
| SIZE/mm  | W    | Р    | A0   | В0    | K0    | Т    | F     |
|----------|------|------|------|-------|-------|------|-------|
| 805060PT | 16.0 | 12.0 | 5.60 | 8.60  | 6.30  | 0.50 | 7.50  |
| 105010PS | 24.0 | 12.0 | 5.05 | 10.10 | 10.20 | 0.50 | 11.50 |
| 107360PT | 24.0 | 16.0 | 7.70 | 10.60 | 6.50  | 0.50 | 11.50 |
| 114275PT | 24.0 | 12.0 | 4.50 | 11.80 | 7.80  | 0.35 | 11.50 |
| 117050PT | 24.0 | 12.0 | 7.30 | 12.10 | 5.30  | 0.35 | 11.50 |

#### Reel Dimension Schematic Diagram ( mm ):



| SIZE/mm  | REEL SIZE   | Α   | В   | С    | D    | QTY / REEL |
|----------|-------------|-----|-----|------|------|------------|
| 805060PT | 13" × 16 mm | 330 | 100 | 13.5 | 16.4 | 600 PCS    |
| 105010PS | 13" × 24 mm | 330 | 100 | 13.5 | 24.4 | 500 PCS    |
| 107360PT | 13" × 24 mm | 330 | 100 | 13.5 | 24.4 | 600 PCS    |
| 114275PT | 13" × 24 mm | 330 | 100 | 13.5 | 24.4 | 600 PCS    |
| 117050PT | 13" × 24 mm | 330 | 100 | 13.5 | 24.4 | 800 PCS    |

#### Tearing Off Force Schematic Diagram:



The force for tearing off cover tape is 10 to 130 grams in the arrow direction under the following conditions ( referenced ANSI / EIA - 481 - D - 2008 of 4.11stadnard ).

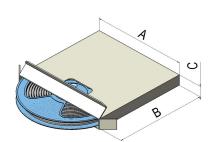
| Room Temp. | Room Humidity | Room Atm.  | Tearing Speed |
|------------|---------------|------------|---------------|
| ( ℃ )      | (%)           | ( hPa )    | ( mm )        |
| 5 ~ 35     | 45 ~ 85       | 860 ~ 1060 | 300 +/-10%    |



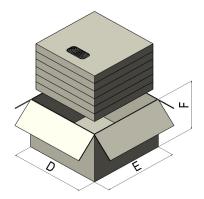
| Product Series :   | GTLVRM        | Brand :        | GOTREND                |
|--------------------|---------------|----------------|------------------------|
| File Version :     | GTLVRM-SERIES | Prepared by :  | Yinghui Guo            |
| Established Date : | 2025.06.16    | Description :  | Coupled Inductors      |
| Latest Edit Date : | 2025.06.16    | Product Type : | ☑ Standard ☐ Customize |

# Packaging Information :

## Box Package Schematic Diagram :



13" Small Box



13" Large Box

| SIZE/mm  | Rells<br>size | A   | В   | С  | Large<br>Box<br>size | D   | E   | F   | Reels in Small Box<br>(QTY) | Small Box in Large<br>Box(QTY) |
|----------|---------------|-----|-----|----|----------------------|-----|-----|-----|-----------------------------|--------------------------------|
| 805060PT | 13"           | 335 | 335 | 23 | 13"                  | 350 | 350 | 220 | 1(600)                      | 7(4,200)                       |
| 105010PS | 13"           | 335 | 335 | 40 | 13"                  | 350 | 350 | 220 | 1(500)                      | 5(2,500)                       |
| 107360PT | 13"           | 335 | 335 | 40 | 13"                  | 350 | 350 | 220 | 1(600)                      | 5(3,000)                       |
| 114275PT | 13"           | 335 | 335 | 40 | 13"                  | 350 | 350 | 220 | 1(600)                      | 5(3,000)                       |
| 117050PT | 13"           | 335 | 335 | 40 | 13"                  | 350 | 350 | 220 | 1(800)                      | 5(4,000)                       |