Product Series :	GSCM	Brand :	GOTREND
File Version :	GSCM-SERIES-V1R9	Editor :	Teddy Sun
Established Date :	2018.11.07	Description :	SMD Common Mode Choke
Latest Edit Date :	2020 10 30	Product Type :	☑ Standard ☐ Customize

## **Version Information:**

SN	Date	Version Code	Modify Description	Editior
01	2020.10.30		New version update release	Teddy Sun

**Product Series: GSCM** Brand: **GOTREND** File Version: GSCM-SERIES-V1R9 Editor: Teddy Sun **Established Date:** 2018.11.07 **Description:** SMD Common Mode Choke **Latest Edit Date:** 2020.10.30 ☑ Standard **Product Type:** ☐ Customize

# ! REMINDERS

- Product information in this catalog is subject to change without notice, and is for reference only. Therefore, please contact GOTREND
  Technology to check for the latest information before practical application or usage of the products.
- ♦ 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.
- ♦ This catalogue only applies to products purchased through GOTREND Technology or its official agencies. This catalogue does not apply to products that are purchased through other third parties.
- Please read Attention and CAUTION note (for storage, operating, rating, soldering, mounting and handling) in this catalog to ensure product proper usage.
- GOTREND Technology is not responsible for issues that occur related to the intellectual property rights or other rights of our company or a third party when you use a product listed in this catalog. GOTREND Technology do not grant license of these rights.
- ◆ Information and data provided in the brochure can and do vary in different applications, and actual performance may vary over time.
- "Delivery Specification" illustrating precautions for the specifications and safety of each product listed in this catalog is available and we strongly recommend to provide these delivery specifications with customers that use these products.
- For exporting of product in this catalog, please take note it may be a restricted item according to the "Foreign Exchange and Foreign Trade Control Law". In such cases, it is necessary to acquire export permission in accordance to this law.
- ♦ Any reproduction or extraction of the contents in this catalog is prohibited without prior permission from GOTREND Technology.
- 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.





ge: 2 / 13 Email: service@gotrend.com.tw

**GOTREND Product Series: GSCM** Brand: File Version: GSCM-SERIES-V1R9 Editor: Teddy Sun **Established Date:** 2018.11.07 **Description:** SMD Common Mode Choke **Latest Edit Date:** 2020.10.30 **Product Type:** ☑ Standard ☐ Customize

## Features & Application:

- 1. Exclusive square type closed magnetic core designed as an exclusive core is used, so it can be small while maintaining the same features.
- 2. Low profile design makes it optimal for surface mounting.
- 3. Excellent impedance characteristics, making it great for suppressing common mode noise.
- 4. Common mode noise countermeasure for electronic controller DC power lines and power supply lines for car multi-media equipment and various electronic devices.

### Part No. Example:

4

5

PN	:	GSCM 706035	Р	- 70	01 -	2P	1	Made in	China
								Pin Foot	SMD
ID	:	1 2	3	•	4	5	6	Shielding	Yes
								J-STD-020	MSL Level
1	:	GOTREND Serie	es Code					RoHS	Compliant
2	:	Dimension Code	: 70603	35 = (L) 7.0	x (W) 6.0	x(H)3.5	mm	REACH	Compliant
3	:	RoHS Complian	ce					Halogen	Free

#### 6 [1]: Plating terminal **Operating & Storage Condition:**

\* Operating Temp -40 ~ +125 deg.C (Including self - temperature rise) \* Storage Temp 1.  $-10 \sim +45 \text{ deg.C}$ ,  $50 \sim 60\% \text{ RH}$  ( Product with taping ) 2.  $-40 \sim +125 \text{ deg.C}$  (On board)

[Z] Value: Impedance 701 = 700 Ohm @100MHz

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

#### **Attention & Caution:**

\* Keep out of Splashing water or salt water

2P: Terminal Lines

\* 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 ± 15 deg.C

Humidity RH 65 ± 20%

\* If there may be any doubt on the test result, Measurement shall be made within the following limits:

> Temperature 25 ± 5 deg.C Humidity RH 75 ± 10%

## В Femp [ deg.C ] Soldering 180 160

60 ~ 90 Sec

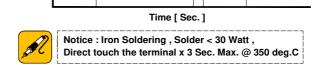
Recommend IR Reflow Curve: GTX-IR-FILE001

Lead Free Solder : A = 217 deg.C , B = 245+/-5 deg.C Time : C = 40 ~ 60 Sec.

( Picture for reference only )

1

**Basic Information:** 





100

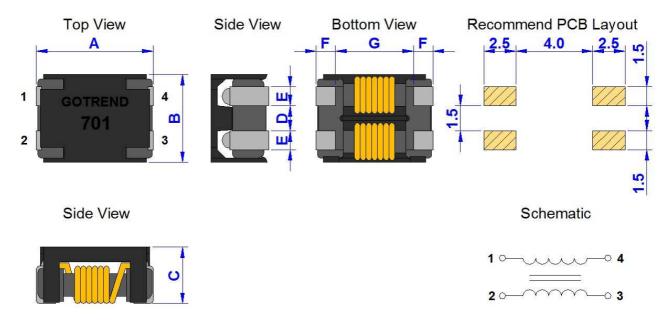
50

Email: service@gotrend.com.tw

**GSCM Product Series:** Brand: **GOTREND** Teddy Sun File Version: GSCM-SERIES-V1R9 Editor: **Established Date:** 2018.11.07 **Description:** SMD Common Mode Choke **Latest Edit Date:** 2020.10.30 **Product Type:** ☑ Standard ☐ Customize

## GSCM706038P-SERIES

## Dimension [ mm ]:



Size	A(+/-0.5)	B(+/-0.5)	C( Max. )	D(+/-0.2)	E(+/-0.2)	F(+/-0.2)	G( Ref.)
706038	7.00	6.00	3.80	1.50	1.50	1.50	4.00

#### **Electrical Characteristics:**

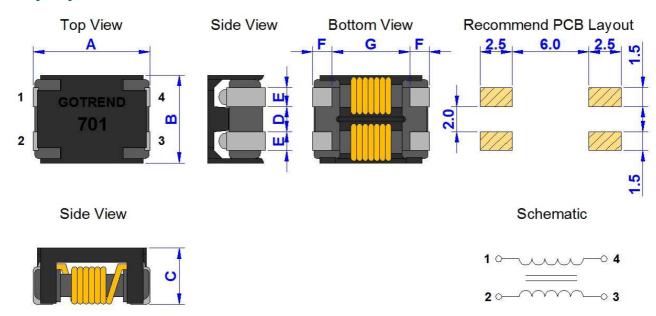
GOTREND PN	Common Mode Impedance @100MHz ( Ω ) Min. / Typ.	DC Resistance N1 , N2 ( mΩ ) Max.	Rated Current ( A ) Max.	Insulation Resistance ( M Ohm ) Min.	Rated Voltage ( V ) Max.	Marking
706038P-101-2P	100 / 140	6.0	9.0	10.0	80.0	101
706038P-301-2P	225 / 300	8.0	5.5	10.0	80.0	301
706038P-501-2P	275 / 500	10.0	5.0	10.0	80.0	501
706038P-701-2P	500 / 700	15.0	4.0	10.0	80.0	701
706038P-901-2P	700 / 900	20.0	3.0	10.0	80.0	901

■ Rated Current : The actual value of DC current when the top surface of test sample temperature rise is  $\triangle T = 40^{\circ}C$  (  $Ta = 25^{\circ}C$  ).

Brand: **Product Series: GSCM GOTREND** GSCM-SERIES-V1R9 File Version: Editor: Teddy Sun **Established Date:** 2018.11.07 **Description:** SMD Common Mode Choke **Latest Edit Date:** 2020.10.30 **Product Type:** ☑ Standard ☐ Customize

## GSCM907048P-SERIES

## Dimension [ mm ] :



Size	A(+/-0.5)	B(+/-0.5)	C( Max. )	D(+/-0.2)	E(+/-0.2)	F(+/-0.2)	G( Ref.)
907048	9.00	7.00	4.80	2.00	1.50	1.50	6.00

#### **Electrical Characteristics:**

GOTREND PN	Common Mode Impedance @100MHz ( Ω ) Min. / Typ.	DC Resistance N1 , N2 ( mΩ ) Max.	Rated Current ( A ) Max.	Insulation Resistance ( M Ohm ) Min.	Rated Voltage ( V ) Max.	Marking
907048P-501-2P	350 / 500	8.0	6.0	10.0	80.0	501
907048P-701-2P	500 / 700	10.0	5.0	10.0	80.0	701
907048P-102-2P	750 / 1000	15.0	4.0	10.0	80.0	102
907048P-222-2P	1650 / 2200	100.0	2.0	10.0	80.0	222

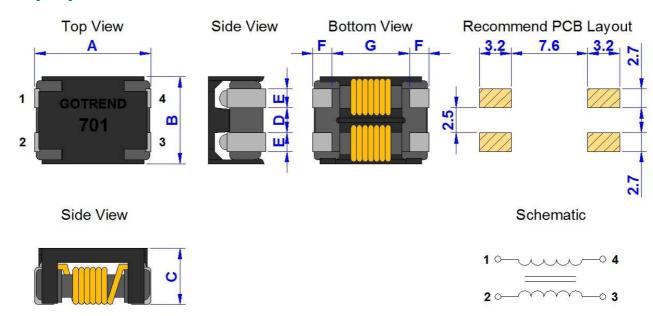
Rated Current: The actual value of DC current when the top surface of test sample temperature rise is  $\triangle T = 40^{\circ}C$  (  $Ta = 25^{\circ}C$  ).

Page: 5 / 13

**Product Series: GSCM** Brand: **GOTREND** Teddy Sun File Version: GSCM-SERIES-V1R9 Editor: **Established Date:** 2018.11.07 **Description:** SMD Common Mode Choke **Latest Edit Date:** 2020.10.30 **Product Type:** ☑ Standard ☐ Customize

## **GSCM121160P-SERIES**

## Dimension [ mm ]:



Size	A(+/-0.5)	B(+/-0.5)	C( Max. )	D(+/-0.2)	E(+/-0.2)	F(+/-0.2)	G( Ref.)
121160	12.50	10.50	6.00	2.50	2.70	2.30	7.40

#### **Electrical Characteristics:**

GOTREND PN	Common Mode Impedance @100MHz ( Ω ) Min. / Typ.	e DC Resistance N1 , N2 ( mΩ ) Max.  Rated Current ( A ) Max.		Insulation Resistance ( M Ohm ) Min.	Rated Voltage ( V ) Max.	Marking
121160P-101-2P	100 / 140	3.5	10.0	10.0	80.0	101
121160P-301-2P	225 / 300	5.0	9.0	10.0	80.0	301
121160P-501-2P	350 / 500	5.5	8.5	10.0	80.0	501
121160P-701-2P	500 / 700	6.0	8.0	10.0	80.0	701
121160P-901-2P	700 / 900	10.0	6.0	10.0	80.0	901
121160P-102-2P	800 / 1000	12.0	5.0	10.0	80.0	102

■ Rated Current : The actual value of DC current when the top surface of test sample temperature rise is  $\triangle T = 40^{\circ}C$  (  $Ta = 25^{\circ}C$  ).

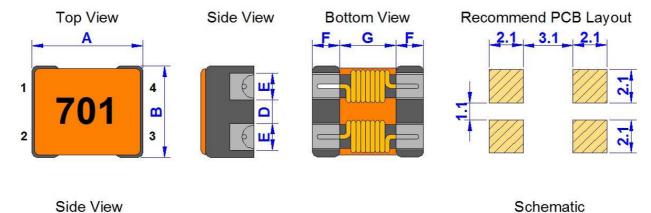
Page: 6 / 13

Email: service@gotrend.com.tw

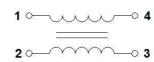
**GSCM GOTREND Product Series:** Brand: Teddy Sun File Version: GSCM-SERIES-V1R9 Editor: **Established Date:** 2018.11.07 **Description:** SMD Common Mode Choke **Latest Edit Date:** 2020.10.30 **Product Type:** ☑ Standard ☐ Customize

## GSCM706035P-SERIES

## Dimension [ mm ]:







Size	A(+/-0.5)	B(+/-0.5)	C( Max. )	D(+/-0.2)	E(+/-0.2)	F(+/-0.2)	G( Ref.)
706035	7.00	6.00	3.50	1.50	1.70	1.70	3.50

#### **Electrical Characteristics:**

GOTREND PN	( m() )   \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Insulation Resistance ( M Ohm )	Rated Voltage (V)	Marking		
	Min.	Тур	Max.	Max.	Min.	Max.	
706035P-101-2P1	100.0	140.0	10.0	9.0	10.0	80.0	101
706035P-301-2P1	225.0	300.0	10.0	5.0	10.0	80.0	301
706035P-501-2P1	275.0	500.0	10.0	5.0	10.0	80.0	501
706035P-601-2P1	450.0	600.0	15.0	4.0	10.0	80.0	601
706035P-701-2P1	500.0	700.0	15.0	4.0	10.0	80.0	701
706035P-901-2P1	700.0	900.0	20.0	3.0	10.0	80.0	901
706035P-102-2P1	800.0	1000.0	20.0	3.0	10.0	80.0	102
706035P-132-2P1	910.0	1300.0	25.0	2.5	10.0	80.0	132
706035P-302-2P1	2500.0	3000.0	75.0	1.0	10.0	80.0	302

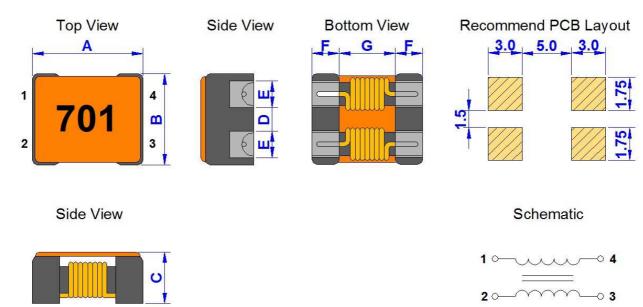
 $\blacksquare$  Rated Current: The actual value of DC current when the top surface of test sample temperature rise is  $\triangle T = 40^{\circ}C$  (  $Ta = 25^{\circ}C$  ).

Page: 7 / 13 Email: service@gotrend.com.tw

**GSCM Product Series:** Brand: **GOTREND** GSCM-SERIES-V1R9 File Version: Editor: Teddy Sun **Established Date:** 2018.11.07 **Description:** SMD Common Mode Choke **Latest Edit Date:** 2020.10.30 **Product Type:** ☑ Standard ☐ Customize

## GSCM907045P-SERIES

## Dimension [ mm ]:



Size	A(+/-0.5)	B(+/-0.5)	C( Max. )	D(+/-0.2)	E(+/-0.2)	F(+/-0.2)	G( Ref.)
907045	9.00	7.00	4.50	2.00	1.50	1.70	5.70

#### **Electrical Characteristics:**

GOTREND PN		nce(Ω) 0MHz	DC Resistance N1 , N2 ( mΩ )	Rated Current ( A )	Insulation Resistance ( M Ohm )	Rated Voltage (V)	Marking
	Min.	Тур	`Max.´	Max.	Min.	Max.	
907045P-301-2P1	225.0	300.0	6.0	6.0	10.0	80.0	301
907045P-501-2P1	450.0	600.0	8.0	5.5	10.0	80.0	501
907045P-701-2P1	500.0	700.0	10.0	5.0	10.0	80.0	701
907045P-102-2P1	750.0	1000.0	13.0	4.0	10.0	80.0	102
907045P-202-2P1	1700.0	2000.0	60.0	2.5	10.0	80.0	202
907045P-272-2P1	2000.0	2700.0	65.0	2.0	10.0	80.0	272
907045P-302-2P1	2500.0	3000.0	70.0	3.0	10.0	80.0	302

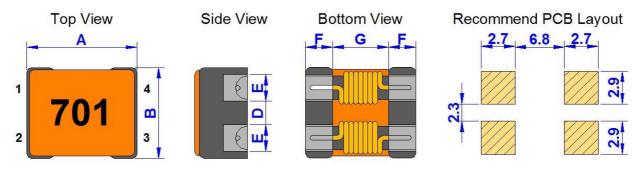
Rated Current: The actual value of DC current when the top surface of test sample temperature rise is  $\triangle T = 40^{\circ}C$  (  $Ta = 25^{\circ}C$  ).

Page: 8 / 13

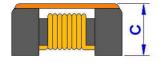
**Product Series: GSCM** Brand: **GOTREND** Teddy Sun File Version: GSCM-SERIES-V1R9 Editor: **Established Date:** 2018.11.07 **Description:** SMD Common Mode Choke **Latest Edit Date:** 2020.10.30 **Product Type:** ☑ Standard ☐ Customize

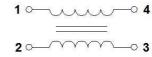
## GSCM121164P-SERIES

## Dimension [ mm ]:



Side View Schematic





Ī	Size	A(+/-0.5)	B(+/-0.5)	C( Max. )	D(+/-0.2)	E(+/-0.2)	F(+/-0.2)	G( Ref.)
Ī	121164	12.00	10.80	6.40	2.50	2.70	2.50	7.00

#### **Electrical Characteristics:**

GOTREND PN	Impedance( Ω ) at 100MHz		DC Resistance N1 , N2 ( mΩ )	Rated Current ( A )	Insulation Resistance ( M Ohm )	Rated Voltage (V)	Marking
	Min.	Тур	Max.	Max.	Min. Max.		
121164P-701-2P1	500.0	700.0	6.0	8.0	10.0	80.0	701

Rated Current : The actual value of DC current when the top surface of test sample temperature rise is  $\triangle T = 40^{\circ}C$  (  $Ta = 25^{\circ}C$  ).

Page: 9 / 13

Product Series :	GSCM	Brand :	GOTREND
File Version :	GSCM-SERIES-V1R9	Editor :	Teddy Sun
Established Date :	2018.11.07	Description :	SMD Common Mode Choke
Latest Edit Date :	2020.10.30	Product Type :	☑ Standard ☐ Customize

#### Care note:

#### Care note for Use:

#### (1) Storage Condition:

Temperature 25 to 35 deg.C, Humidity 45 to 60% RH

#### (2) Use Temperature:

- a. Minimum Temperature: -40 deg.C Ambient temperature of this product.
- b. Maximum Temperature: +125 deg.C The value of temperature including ambient and temperature rise of this product.
- c. Reliability test temperature range from -40 ~ +125 deg.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.

ge: 10 / 13 Email: service@gotrend.com.tw

Product Series :	GSCM	Brand :	GOTREND
File Version :	GSCM-SERIES-V1R9	Editor :	Teddy Sun
Established Date :	2018.11.07	Description :	SMD Common Mode Choke
Latest Edit Date :	2020.10.30	Product Type :	☑ Standard ☐ Customize

## Reliability:

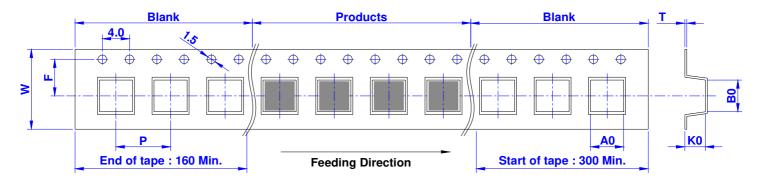
SN	Test Item		Test Condition		Specification		
1	Dimension	Actual Size			Meet Spec		
2	Thermal Shock (Temperature Cycle)	Temperature : -4 Cycle : 100 Cycle	$40 \sim +125$ deg.C kept states (power off)	oilized for 30 min. each	Elec. no variation Appearance no deformation		
3	Humidity Resistance	Humidity: 90% ~ Temperature: 60	· 95% RH 0 ± 2 deg.C · Test Time :	96 ± 2 Hours	Elec. no variation Appearance no deformation		
4	HighTemperature	Temperature : 12 Testing Time : 96			Elec. no variation Appearance no deformation		
5	Low Temperature	Temperature : -4 Time : 96 ± 2 Ho			Elec. no variation Appearance no deformation		
	Temperature and	Temperature	Humidity	Time	Elec. no variation		
	Humidity Cycle	25 deg.C	90% ~ 95% RH	3.0 Hr	Appearance no deformation		
6		55 deg.C	95% ~ 96% RH	5.0 Hr			
		25 deg.C	90% ~ 95% RH	3.0 Hr			
		Cycle : 20 Cycle	S				
	Vibration		z ~ 55Hz , Amplitude : 1.	5 mm	Elec. no variation		
7	12.000		, Z , Time : 2 Hours each		Appearance no deformation		
	Solderability		SMT IR-Reflow		Elec. no variation		
8	- Coluctuality	The profile like o	ur suggest profile. 10 deg.C ( 90 sec )		Appearance no deformation		
		Peak : 245 ± 5 d Peak Time : 50 S	eg.C Sec. / up 217 deg.C				
	Soldering Heat	Preheat : 160 ± 1	10 deg.C ( 90 sec )	Elec. no variation			
9	Resistance	Solder : Sn / Ag /		Appearance no deformation			
10	Iron Solder Heat Resistance	Solder Temp. : 3 Flux : Rosin, Tir	50 ± 5 deg.C me : 3 ± 1 seconds		Elec. no variation Appearance no deformation		
11	Bending Strength	Unit : mm	10 x 10 R:	0.5	Elec. no variation Appearance no deformation		
		Y A	Force : 1Kg / min.				
12	Flexure Strength	Unit : mm	10 x 20  4.5 4.5 Solder cream 0.15 mr	Elec. no variation Appearance no deformation			
13	Terminal Strength	Mount on I Solder Cre	Y Push 1 directi	Elec. no variation Appearance no deformation			
14	High-Voltage	100 V DC betwe	en core & winding		Elec. no variation Appearance no deformation		
15	Load life	Temperature : 25	5 ± 3 deg.C OC Current, Test Time:	96 + 2 Hours	Elec. no variation Appearance no deformation		

Email:service@gotrend.com.tw

**GSCM Product Series:** Brand: **GOTREND** Editor: File Version: GSCM-SERIES-V1R9 Teddy Sun **Established Date:** 2018.11.07 **Description:** SMD Common Mode Choke **Latest Edit Date:** 2020.10.30 **Product Type:** ☑ Standard ☐ Customize

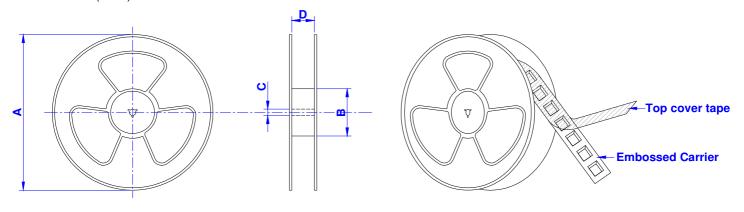
## **Packaging Information:**

## Tape Dimension ( mm ):



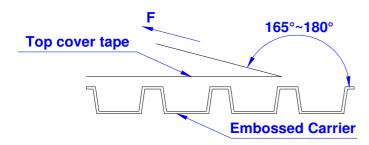
SIZE/mm	W	Р	A0	B0	K0	Т	F
706038	16.0	8.0	6.60	7.60	3.60	0.40	7.5
907048	16.0	12.0	8.60	9.60	4.80	0.40	7.5
121160	24.0	16.0	13.20	13.50	6.40	0.50	11.5
706035	16.0	8.0	6.60	7.60	3.60	0.40	7.5
907045	16.0	12.0	7.60	9.60	4.60	0.40	7.5
121164	24.0	16.0	13.25	12.7	6.50	0.40	11.5

#### Reel Dimension ( mm ):



SIZE/mm	Reel Size	Α	В	С	D	QTY / Reel
706038	13" x 16 mm	330	100	13	16.5	1000 PCS
907048	13" x 16 mm	330	100	13	16.5	800 PCS
121160	13" x 24 mm	330	100	13	24.5	500 PCS
706035	13" x 16 mm	330	100	13	16.5	1000 PCS
907045	13" x 16 mm	330	100	13	16.5	800 PCS
121164	13" x 24 mm	330	100	13	24.5	500 PCS

## Tearing Off Force:



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

Room Temp.	Room Humidity (%)	Room Atm.	Tearing Speed
( deg.C )		( hPa )	( mm / min )
5 ~ 35	45 ~ 85	860 ~ 1060	300

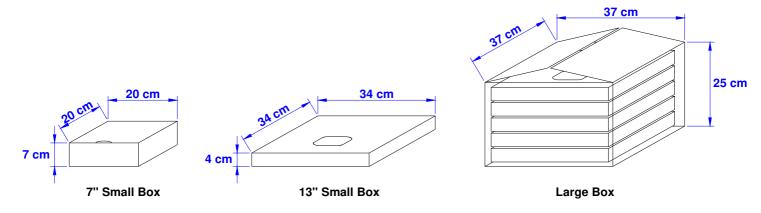


Page: 12 / 13 Email: service@gotrend.com.tw

Product Series :	GSCM	Brand :	GOTREND
File Version :	GSCM-SERIES-V1R9	Editor :	Teddy Sun
Established Date :	2018.11.07	Description :	SMD Common Mode Choke
Latest Edit Date :	2020.10.30	Product Type :	☑ Standard ☐ Customize

## **Packaging Information:**

## Box Package :



SIZE/mm	Reels in Small Box	Small Box in Large Box
706038	1	5
907048	1	5
121160	1	5
706035	1	5
907045	1	5
121164	1	5

Page: 13 / 13 Email: service@gotrend.com.tw