

# 1259CM-0001#

“#” at the end indicates the package specification code.



## < List of part numbers with package codes >

1259CM-0001=P3

## Applications

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unsuitable Applications  | Please be sure to read and comply with these "Precautions for use."                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Specific Applications    | Automotive infotainment/comfort equipment, Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment<br>Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product. |
| Recommended Applications | Automotive infotainment/comfort equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## Packaging Information

| Packaging | Specifications      | Standard Packing Quantity |
|-----------|---------------------|---------------------------|
| =P3       | 330mm Embossed Tape | 750                       |

## Features

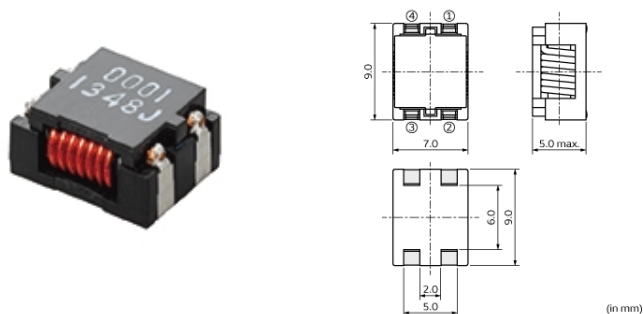
### Features

- 1.SMD type high current use common mode choke UCMH0907 series  
for automotive power line.
- 2.Rated DC Current 5.0A Max.
- 3.2 line

### Application

Common mode noise countermeasure for electronic controller DC power lines.

## Appearance & Shape



### Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2.This datasheet has only typical specifications because there is no space for detailed specifications.

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## Specifications

|                                                                |                |
|----------------------------------------------------------------|----------------|
| Shape                                                          | SMD            |
| Size Code (in mm)                                              | 9070           |
| Size Code (in inch)                                            | 3527           |
| Length                                                         | 9.0mm          |
| Length Tolerance                                               | ±0.3mm         |
| Width                                                          | 7.0mm          |
| Width Tolerance                                                | ±0.3mm         |
| Thickness                                                      | 5.0mm          |
| Thickness Tolerance                                            | max.           |
| Common Mode Impedance (at 100MHz)                              | 700Ω           |
| Common Mode Impedance (at 100MHz) Tolerance                    | (Typ.)         |
| Rated Current                                                  | 5A             |
| Derating of Rated Current                                      | No             |
| Rated Voltage                                                  | 100Vdc         |
| Withstanding Voltage                                           | 100Vdc         |
| DC Resistance(max.)                                            | 0.01Ω          |
| DC Resistance                                                  | 0.01Ω max.     |
| Insulation Resistance(min.)                                    | 100MΩ          |
| Operating Temperature Range                                    | -40°C to 125°C |
| Mass(typ.)                                                     | 0.8345g        |
| Number of Circuit                                              | 1              |
| Operating Temperature Range(Self-temperature rise is included) | Yes            |
| Brand                                                          | Murata         |

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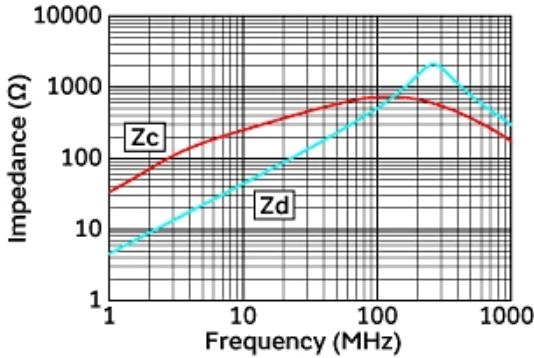
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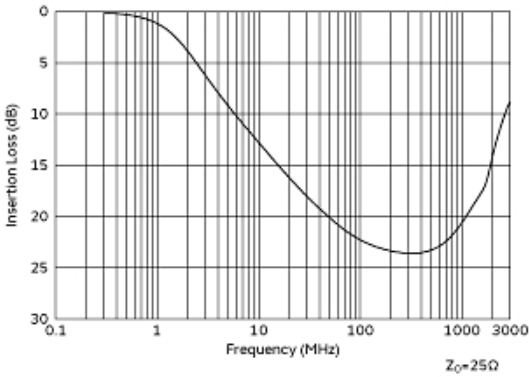
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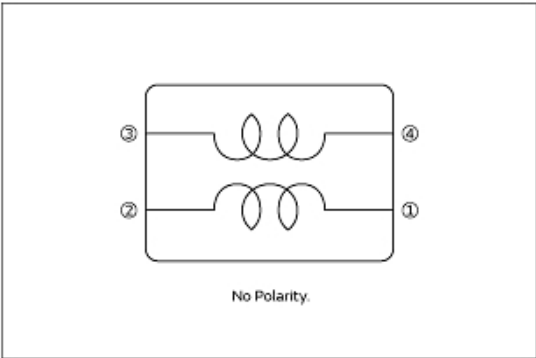
## Product Data



Impedance-Frequency Characteristics



Common Mode Transmission Characteristics  
(Typical Value)



Connections

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