



## Wire Wound Type Common Mode Filter

GDCM321620F2SV-600T02

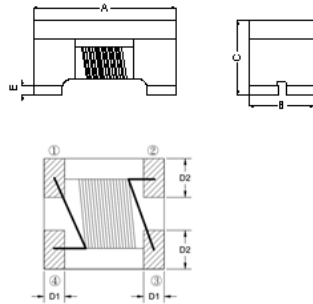
### 1. Features

1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. GDCM321620F2SV series realizes small size and low profile.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. High reliability -Reliability tests comply with AEC-Q200
5. Operating temperature-40~+85°C (Including self - temperature rise)

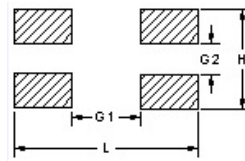


### 2. Dimension

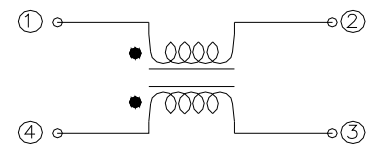
Units: mm



Recommended PC Board Pattern



Schematic Diagram



| Series     | A(mm)   | B(mm)   | C(mm)   | D1(mm)   | D2(mm)   | E(mm)       | L(mm) | H(mm) | G1(mm) | G2(mm) |
|------------|---------|---------|---------|----------|----------|-------------|-------|-------|--------|--------|
| 321620F2SV | 3.4±0.2 | 1.6±0.2 | 2.0±0.2 | 0.64±0.1 | 0.66±0.1 | 0.12 (typ.) | 3.7   | 1.7   | 2.3    | 0.5    |

### 3. Part Numbering

**GDCM** **321620** **F** **2** **S** **V** - **600** **T** **02**  
 A B C D E F G H I

A: Series  
 B: Dimension  
 C: Material Ferrite Core  
 D: Number of Lines 2=2 lines  
 E: Type S=Shielded , N=Unshielded  
 F: Category Code V=Vehicle  
 G: Inductance 600=60uH  
 H: Packaging T=Taping and Reel  
 I: Rated Current 02=200mA

### 4. Specification

| Part Number           | Inductance(uH)<br>[100kHz/0.1V]<br>Min. | DC Resistance<br>(Ω)Max. | Rated Current<br>(mA) | Rated Volt.<br>(Vdc) | Withstand Volt. (Vdc)<br>max. | IR(Ω)<br>min. |
|-----------------------|-----------------------------------------|--------------------------|-----------------------|----------------------|-------------------------------|---------------|
| GDCM321620F2SV-600T02 | 60                                      | 1.7                      | 200                   | 50                   | 125                           | 10M           |

