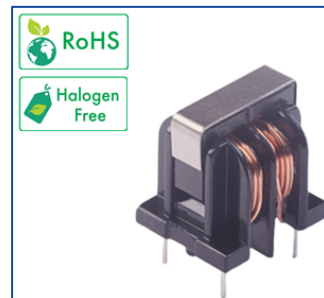
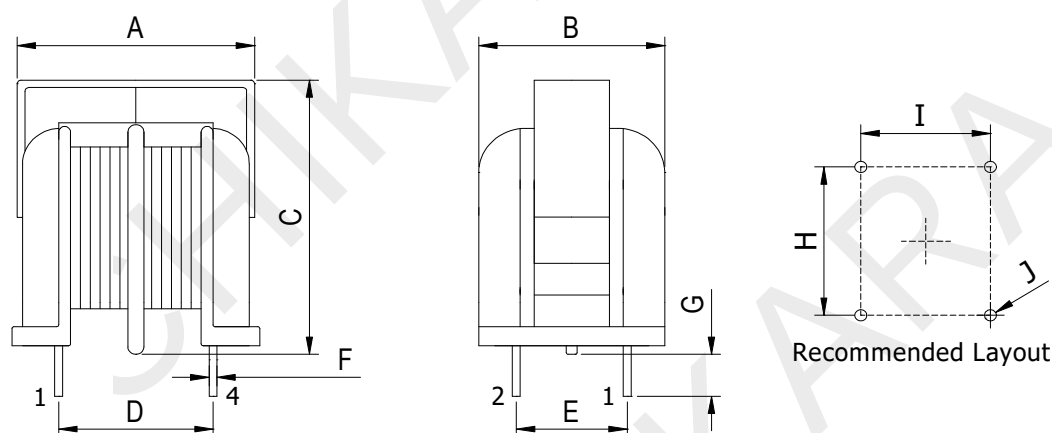


### Features

- Low cost and high reliability
- Storage temperature range:-40°C to + 125°C
- Operating temperature range:-40°C to + 125°C  
(including coil's self-temperature rise)
- Moisture sensitivity level:1
- Packaging:44pcs. Per tray
- RoHs&Halogen-free compliant



### Mechanical Dimension(Unit:mm)



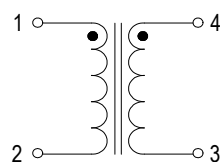
| A        | B        | C        | D        | E        | F        | G       | H  | I  | J    |
|----------|----------|----------|----------|----------|----------|---------|----|----|------|
| 23.0Max. | 19.5Max. | 28.0Max. | 13.0±0.3 | 10.0±0.3 | Ø0.7±0.1 | 4.0±1.0 | 13 | 10 | Ø1.2 |

### Part Number Description

DCM01 - 2328 0220 Y  
① ② ③ ④

|   |                  |
|---|------------------|
| ① | Type             |
| ② | Dimensions       |
| ③ | Inductance value |
| ④ | Tolerance code   |

### Electrical Schematic



### Electrical Characteristic

| Part Number     | Inductance<br>L0(mH)Min. | DCR<br>( $\Omega$ )Max. | Rated Current<br>(A)Max. | Rated Voltage<br>(V/ac)Max. | Hi-Pot<br>(Coil - Coil) |
|-----------------|--------------------------|-------------------------|--------------------------|-----------------------------|-------------------------|
| DCM01-23280220Y | 22.0                     | 1.100                   | 0.6                      | 300                         | 2.5KV AC/2mA/3S         |
| DCM01-23280150Y | 15.0                     | 0.710                   | 0.8                      | 300                         | 2.5KV AC/2mA/3S         |
| DCM01-23280120Y | 12.0                     | 0.530                   | 1.0                      | 300                         | 2.5KV AC/2mA/3S         |
| DCM01-23280068Y | 6.8                      | 0.320                   | 1.3                      | 300                         | 2.5KV AC/2mA/3S         |
| DCM01-23280047Y | 4.7                      | 0.215                   | 1.5                      | 300                         | 2.5KV AC/2mA/3S         |
| DCM01-23280030Y | 3.0                      | 0.144                   | 1.9                      | 300                         | 2.5KV AC/2mA/3S         |
| DCM01-23280021Y | 2.1                      | 0.103                   | 2.2                      | 300                         | 2.5KV AC/2mA/3S         |

- Test frequency and voltage:1KHz,1Vrms.
- All test data referenced to 25°C ambient.
- Rated current: The AC current at which the temperature rise is  $\Delta t$  of 40°C.