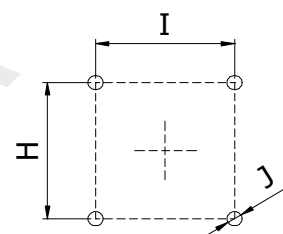
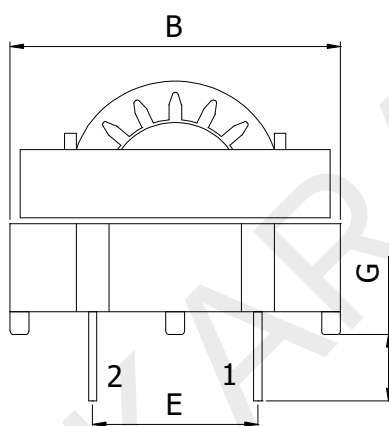
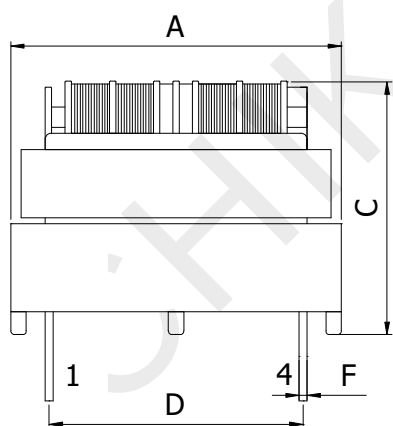


Features

- 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:55pcs. Per tray
- RoHs&Halogen-free compliant



Mechanical Dimension(Unit:mm)



Recommended Layout

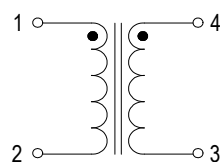
A	B	C	D	E	F	G	H	I	J
22.0Max.	22.0Max.	18.5Max.	13.0±0.3	10.0±0.3	Ø0.8±0.1	4.0±1.0	13	10	Ø1.3

Part Number Description

DCM02 - 2219 0470 Y
① ② ③ ④

①	Type
②	Dimensions
③	Inductance value
④	Tolerance code

Electrical Schematic



Electrical Characteristic

Part Number	Inductance L0(mH)Min.	DCR (Ω)Max.	Rated Current (A)Max.	Rated Voltage (V/ac)Max.	Hi-Pot (Coil - Coil)
DCM02-22190470Y	47.0	2.870	0.3	300	2.5KV AC/2mA/3S
DCM02-22190230Y	23.0	1.400	0.5	300	2.5KV AC/2mA/3S
DCM02-22190150Y	15.0	0.990	0.6	300	2.5KV AC/2mA/3S
DCM02-22190100Y	10.0	0.580	0.8	300	2.5KV AC/2mA/3S
DCM02-22190056Y	5.6	0.330	1.1	300	2.5KV AC/2mA/3S
DCM02-22190027Y	2.7	0.155	1.7	300	2.5KV AC/2mA/3S
DCM02-22190018Y	1.8	0.105	2.0	300	2.5KV AC/2mA/3S

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