

PRODUCT SPECIFICATIONS



BCMC709020300M00

CUSTOMER'S PRODUCT NAME:

DATE: 2026.09

SPEC. NO: B-2609-07

THIS SPECIFICATION IS:

- ☐ FULLY ACCEPTED
- ☐ DENIED
- ☐ ACCEPTED UNDER THE FOLLOWING CONDITIONS :

SIGNATURE:

DATE:

NAME(PRINT):

TITLE:



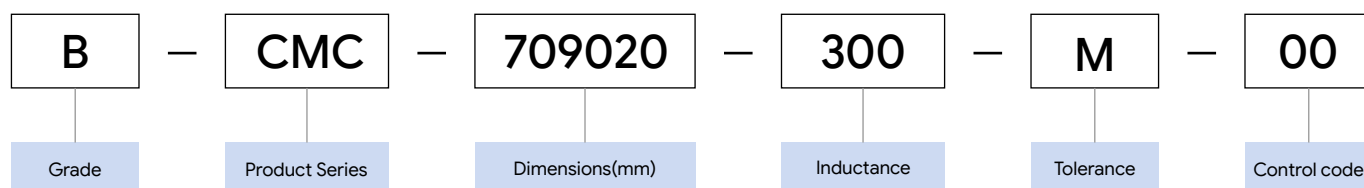
① Features

- Strong common-mode noise suppression capability
- Suitable for fully-automatic SMT reflow soldering
- Low DCR design
- Environmentally-friendly & compliant

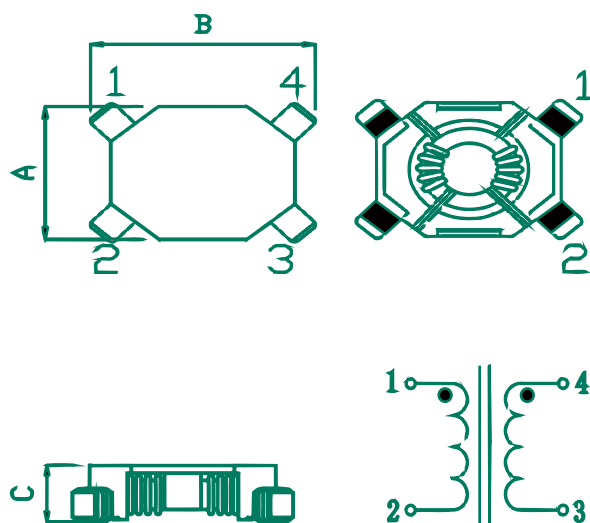
② Application

- DC-DC converters
- Industrial control boards
- Consumer electronics
- Security equipment

③ Part numbering



④ Appearance and Dimensions



Dimensions in mm

A	7.20Max	B	9.40Max
C	2.70Max		

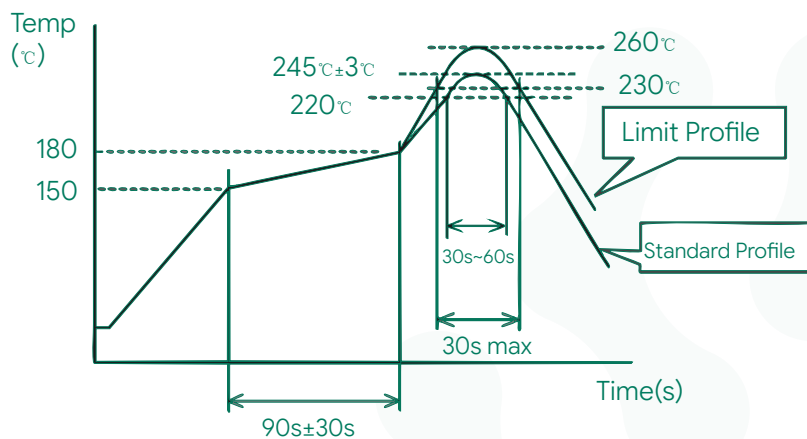
⑤ Rating

⚠ NOTE Operating Temperature Range : -25to +85°C

ELECTRICAL CHARACTERISTICS

Part No.	Inductance (1-2)(4-3) (uH)Min	Test Freq (Hz/V)	DCR (1-2)(4-3) (mΩ)Typ	Leakage inductance (uH)Typ	Rated current (A)Typ
BCMC709020300M00	30	100KHz/0.1V	10	0.28	3.60

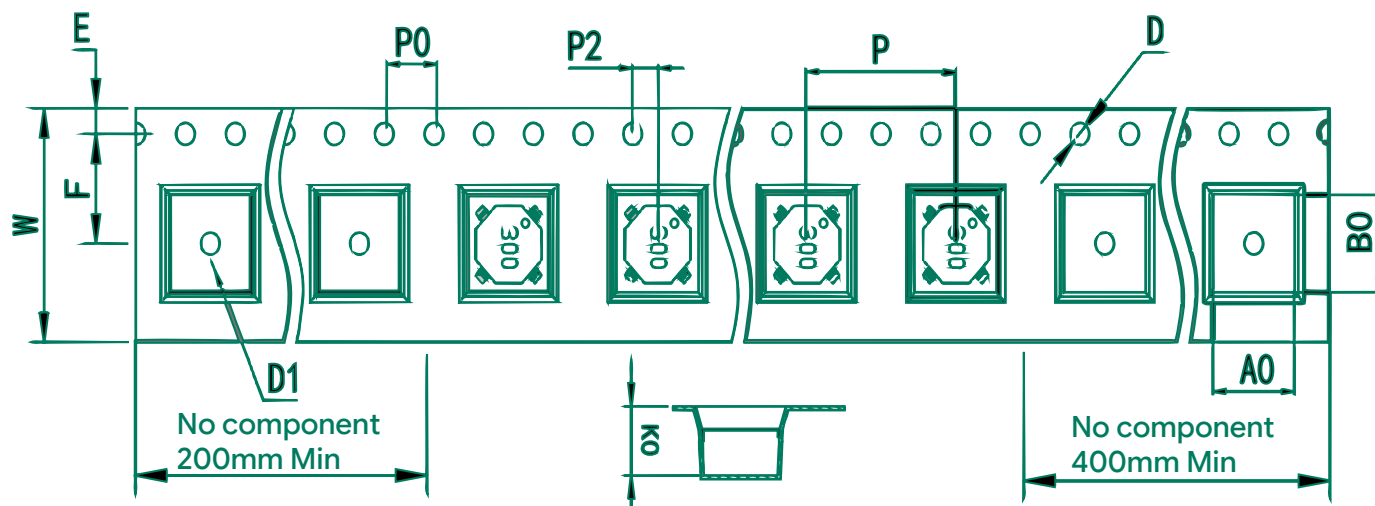
⑥ Recommended Soldering Conditions



	Standard Profile	Limit Profile
Pre-heating	150 ~ 180°C 、 90s ± 30s	
Heating	above 220°C、 30s ~ 60s	above 240°C、 30s max.
Peak temperature	245 ± 3°C	260°C, 10s
Cycle of reflow	2 times	2 times

⑦ Packaging

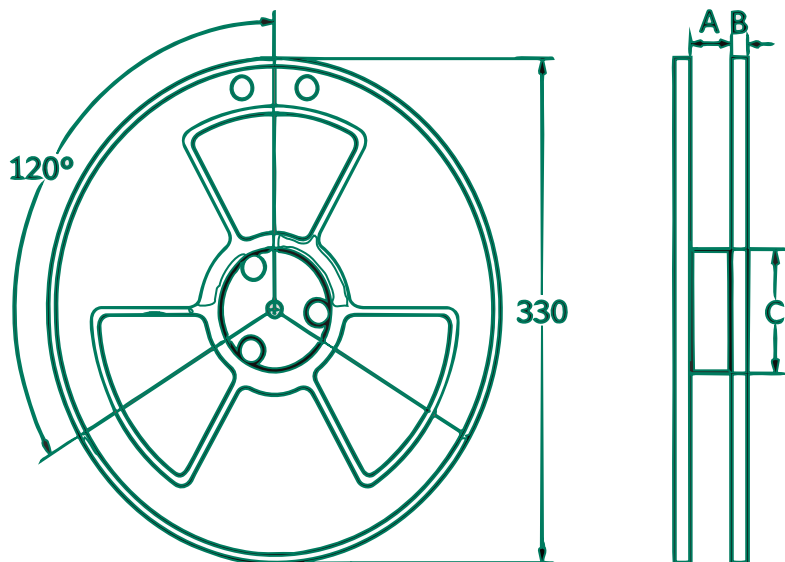
7.1 Carrier Tape Dimensions



Tape Dimensions in mm

W	A0	B0	K0	P	P0	P2	F	E	D	D1
16.0	7.3	9.5	2.6	12.0	4.0	2.0	7.5	1.75	1.5	1.5

7.2 REEL DIMENSIONS



Tape Dimensions in mm

TYPE	A	B	C
709020	16.5	2.3	100

7.3 Packaging quantities

TYPE	PCS/REEL
709020	2000

⑧ Rating

1, Storage period

Use the products within 12 months after delivered. Solderability should be checked if this period is exceeded.

2, Storage conditions

- Storage temperature: -25°C ~ 85°C
- Storage environment: 0°C~40°C, Humidity 10%~70%RH

3, Delivery

Care should be taken when transporting or handling product to avoid excessive vibration or mechanical shock.