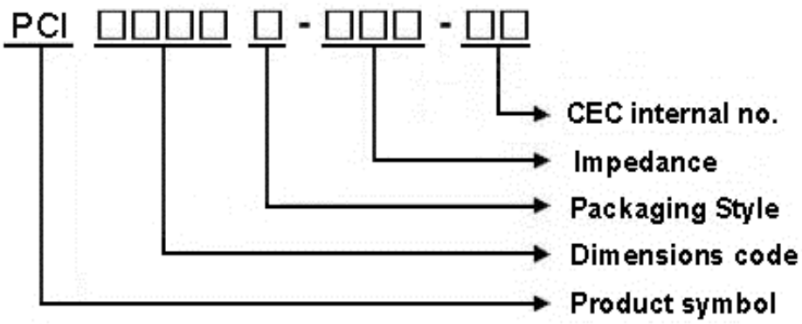
PCI0420T Series Specification

1 Scope: This specification applies to EMI Filter

2 Part Numbering:

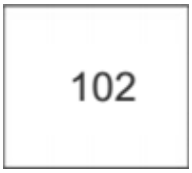


3 Rating:

Operating Temperature: －４０℃ ~ １０５℃(Including self - temperature rise)

Storage Temperature: ２０℃ ~ ２５℃ R.H.６５%(In Tape & Reel Condition)

4 Marking:



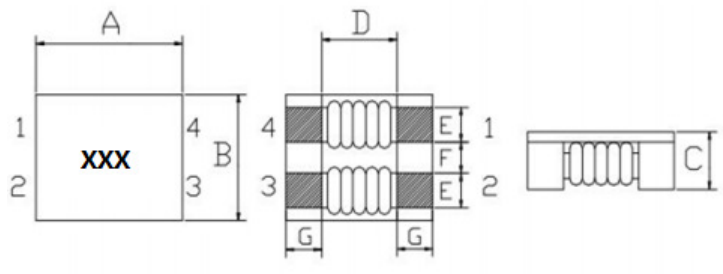
Ex: PCI0420T-102-N
Marking: 102
Marking color: White

5 Standard Testing Condition

	Unless otherwise specified	In case of doubt
Temperature	Ordinary Temperature(15 to 35℃)	20 to 30℃
Humidity	Ordinary Humidity(25 to 85% RH)	50 to 80 %RH

PCI0420T Series Specification

6 Configuration and Dimensions:



Dimensions in mm

A	4.7 ±0.5
B	4.5 ±0.5
C	2.0MAX
D	2.7 TYP
E	0.75 TYP
F	1.25 TYP
G	1.0 TYP

7 Electrical Characteristics:

Part No.	Inpedance (Ω)Min/Typ.	Test Freq.	RDC (mΩ)Max.	Irms (A)	IR (mΩ)Min.	Rated Voitage (V)Max	Marking
PCI0420T-900-N	30/60	100MHz,0.1 V	35	3.2	10	50	900
PCI0420T-151-N	80/140	100MHz,0.1 V	40	3.1	10	50	151
PCI0420T-231-N	180/230	100MHz,0.1 V	50	3.0	10	50	231
PCI0420T-301-N	100/260	100MHz,0.1 V	45	3.0	10	50	301
PCI0420T-401-N	200/400	100MHz,0.1 V	50	2.5	10	50	401
PCI0420T-701-N	500/700	100MHz,0.1 V	59	2.2	10	50	701
PCI0420T-102-N	800/1000	100MHz,0.1 V	68	2.1	10	50	102
PCI0420T-122-N	1000/1200	100MHz,0.1 V	74	2.0	10	50	122
PCI0420T-142-N	1200/1400	100MHz,0.1 V	81	1.9	10	50	142

NOTE: □-tolerance M=±20%

1.Operating temperature range －４０℃～１０５℃(Including self - temperature rise)

2.Irms for a 40℃ temperature rise from 25℃ ambient.

3.Z:1,2-4,3 Common mode

-AU FOR COMPLETELY LEAD FREE TYPE(INCLUDING FERRITE BODY & SOLDER)

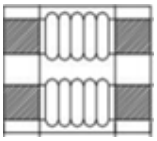
4.AEC-Q200 qualified.

PCI0420T Series Specification

8 PCI0420T Series

8.1 Construction:





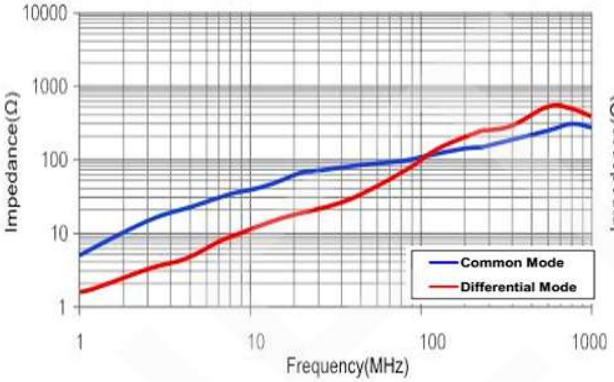
8.2 Material List:

NO.	Item	Description
1	Core	Ferrite
2	Cover	Mylar
3	Wire	P180 Grd1
4	Ink	Black

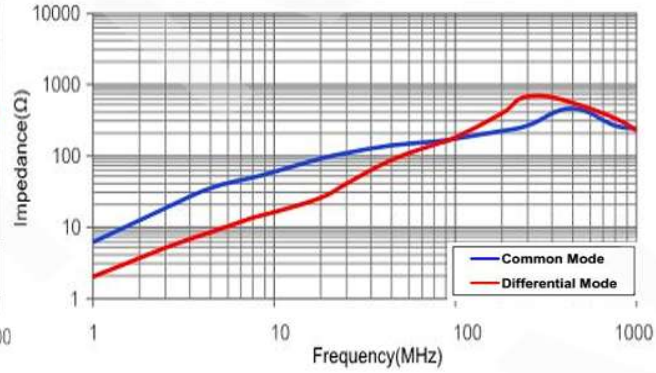
PCI0420T Series Specification

9 Graph:

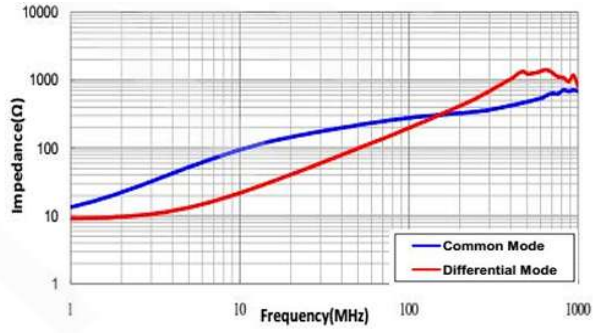
PCI0420T-900-N



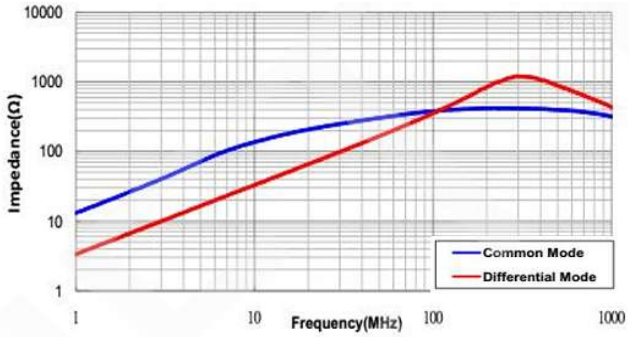
PCI0420T-151-N



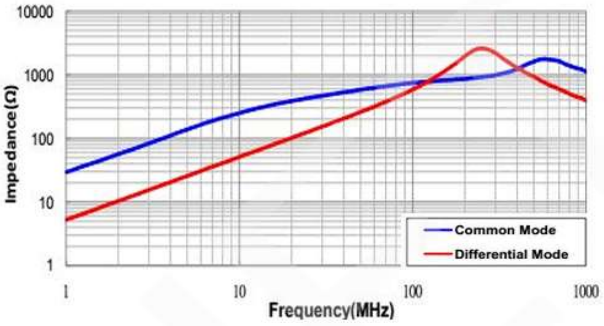
PCI0420T-231-N&301



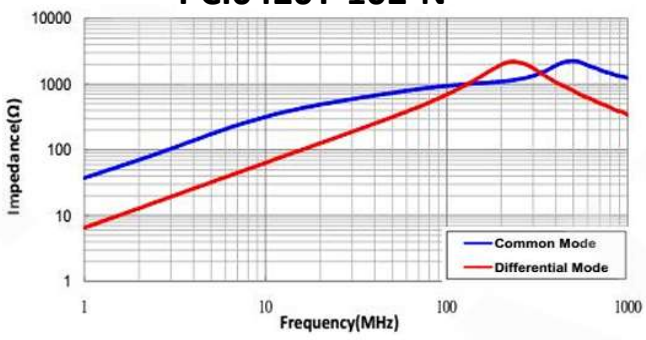
PCI0420T-401-N



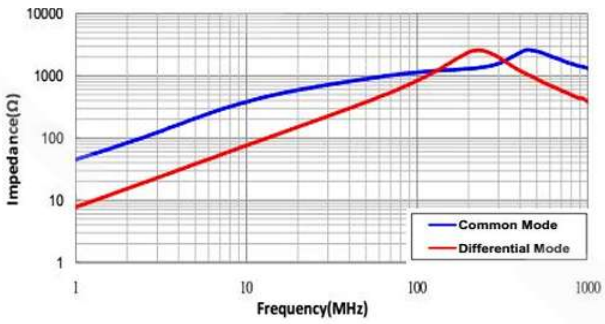
PCI0420T-701-N



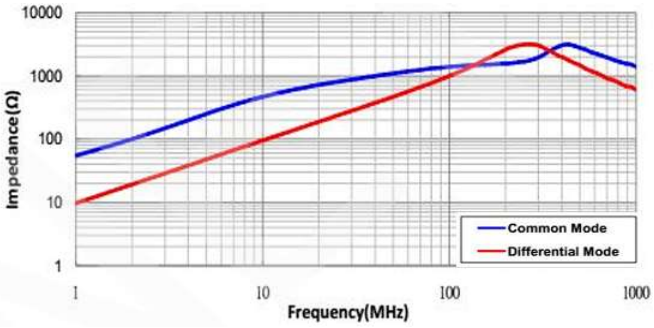
PCI0420T-102-N



PCI0420T-122-N

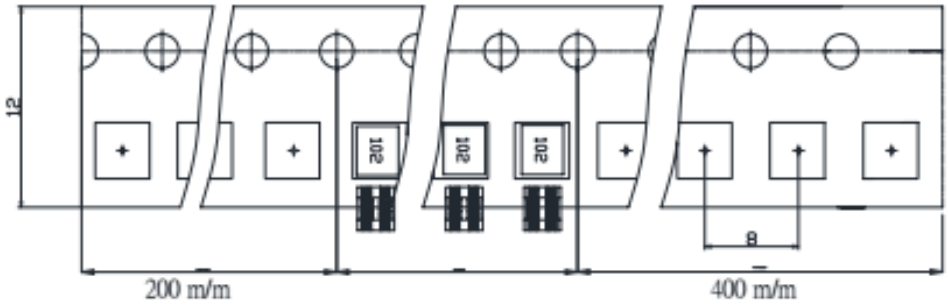


PCI0420T-142-N



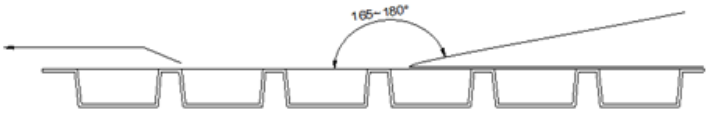
PCI0420T Series Specification

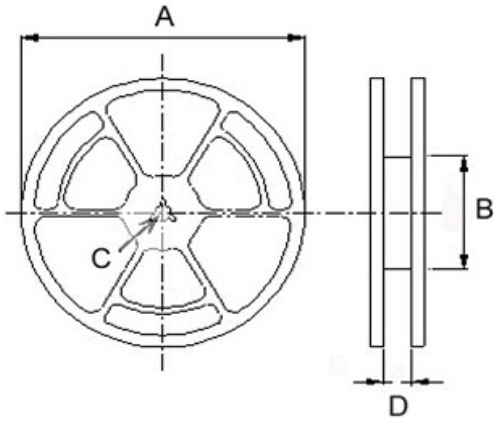
10 Packaging:



Transparent carrier and cover tape/透明载带和自粘上带

Adhesive strength of cover tape is 20 to 120 gf
The conduction band direction





Reel Dimensions (Unit: mm)				Quantity
A	B	C	D	Pcs/Reel
178	100	13	12.5	1000

11 Note:

1. Please make sure that your product has been evaluated and confirmed against your specifications when our product is mounted to your product.
2. Do not knock nor drop.
3. All the items and parameters in this product specification have been prescribed on the premise that our product is used for the purpose,under the condition and in the environment agreed upon between you and us. You are requested not to use our product deviating from such agreement.
4. Please keep the distance between transformer/coil and other components (refer to the standard IEC 950)
5. The moisture sensitivity level (MSL) of products is classified as level 1.

NOTICE
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