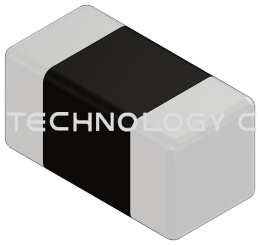
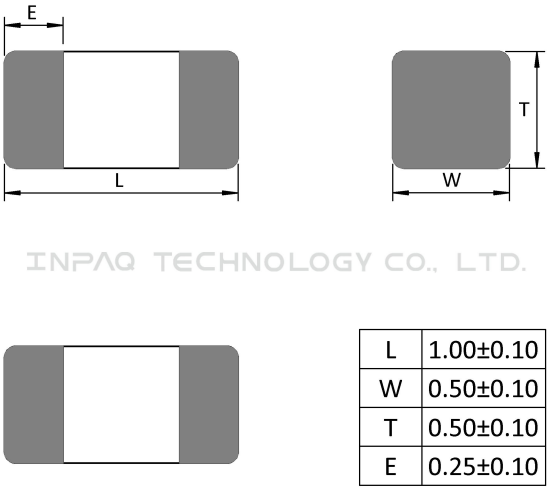
All specifications are subject to change without notice.
Copyright © INPAQ Technology Co., Ltd. All rights reserved.

MCB1005B102GBP

General ROHS HF

Appearance & Shape





L	1.00±0.10
W	0.50±0.10
T	0.50±0.10
E	0.25±0.10

(unit:mm)

INPAQ TECHNOLOGY CO., LTD.
INPAQ TECHNOLOGY CO., LTD.

注意 NOTICE: All Specifications are subject to change without notice.
1. 本文件由 INPAQ 佳邦科技網站下載，若規格變更及停產，請於訂購時確認，恕不另行通知。
2. 本文件僅說明參考標準規格，如需訂購，請依實際核准所需規格進行申辦。

PSA 佳邦科技 INPAQ TECHNOLOGY
URL: www.inpaq.com.tw ; www.inpaqgp.com TEL:+886-37-585-55 EMAIL:info@inpaq.com.tw

Updated 2026/10/13

All specifications are subject to change without notice.
Copyright © INPAQ Technology Co., Ltd. All rights reserved.

Specification

L size(mm)	1.0±0.10
W size(mm)	0.5±0.10
T size(mm)	0.5±0.10
Size code Inch(mm)	0402(1005)
Impedance(Ω)	1000
Tolerance(%)	±25
Test Frequency(MHz)	100
DCR(Ω) Max.	0.7
Irms(mA) @85°C (Max.)	400
Operating Temperaturerange(includingself-temperaturerising) °C	-55~+125

注意 NOTICE: All Specifications are subject to change without notice.
1. 本文件由 INPAQ 佳邦科技網站下載，若規格變更及停產，請於訂購時確認，恕不另行通知。
2. 本文件僅說明參考標準規格，如需訂購，請依實際核准所需規格進行申辦。

PSA 佳邦科技 INPAQ TECHNOLOGY
URL: www.inpaq.com.tw ; www.inpaqgp.com TEL:+886-37-585-55 EMAIL:info@inpaq.com.tw

All specifications are subject to change without notice.
Copyright © INPAQ Technology Co., Ltd. All rights reserved.

Notices

- Monolithic inorganic material construction
- Closed magnetic circuit avoids crosstalk
- SMD Type & suitable for reflow and wave soldering
- Available in various sizes
- Excellent solderability and heat resistance
- High reliability
- Effectively filtering capability over a wide range of frequency

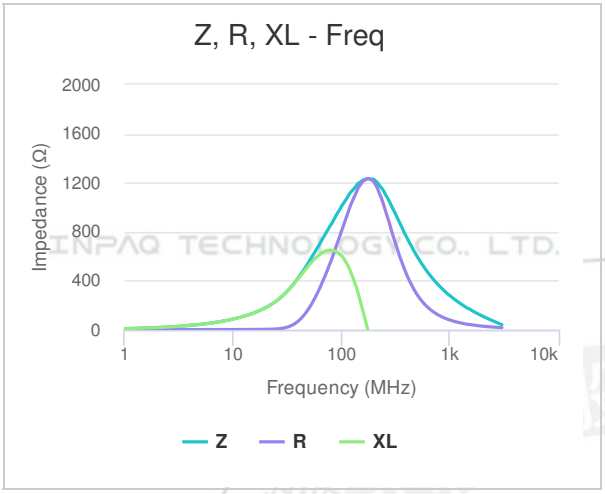
Packing

Packing Reel(Inch)	Packaging type	Standard package quantity(PCS)	Piece weight(gram)	MSL Level
7	Paper type	10000	0.0016	1

注意 NOTICE: All Specifications are subject to change without notice.
1. 本文件由 INPAQ 佳邦科技網站下載，若規格變更及停產，請於訂購時確認，恕不另行通知。
2. 本文件僅說明參考標準規格，如需訂購，請依實際核准所需規格進行申辦。

All specifications are subject to change without notice.
Copyright © INPAQ Technology Co., Ltd. All rights reserved.

Characteristic curve



INPAQ TECHNOLOGY CO., LTD.
侵害必究 佳邦科技股份有限公司 PSA PASSIVE SYSTEM ALLIANCE COPYRIGHT© INPAQ TECHNOLOGY CO., LTD ALL RIGHT RESERVED.

注意 NOTICE: All Specifications are subject to change without notice.
1. 本文件由 INPAQ 佳邦科技網站下載，若規格變更及停產，請於訂購時確認，恕不另行通知。
2. 本文件僅說明參考標準規格，如需訂購，請依實際核准所需規格進行申辦。