

WCA1005CP47N_



Appearance & Shape



INPAQ TECHNOLOGY CO., LTD.

Series	M1	M2	M3	M4	M5	M6
WCA1005CP	1.19 MAX.	0.66 MAX.	0.64 MAX.	0.23±0.1	0.56±0.1	0.50±0.1

Unit:mm

注意 NOTICE: All Specifications are subject to change without notice.

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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。

Specification

L size(mm)	1.19(Max)
W size(mm)	0.66(Max)
T size(mm)	0.64(Max)
Size code inch (mm)	0402/1005
Inductance(nH)	47
Tolerance	G($\pm 2\%$),J($\pm 5\%$),K($\pm 10\%$)
Test Frequency(MHz)	250
DCR(Ω) Max.	0.83
I _{rms} (mA) Max.	150
Q Value (Min.)	20
SRF[MHz]Min.	2100
Operating Temperature range(including self-temperature rising) °C	-40~+125

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Notices

- 1.1. Ceramic core wire wound construction.
- 1.2. Component miniaturization is more suitable for SMT layout use.
- 1.3. Inductance values from 1.0 to 120 nH.
- 1.4. The Q value is better than multilayer technology.
- 1.5. High reliability tests comply with AEC-Q200.

Packing

Packing Reel(Inch)	Carrier Tape	Standard package quantity(KPCS)	Piece weight(gram)	MSL Level
7	Paper type	4	0.00084	1

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