

MDCA Series
SMD Power Inductor
Size 4020

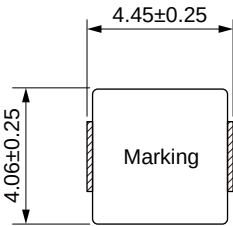
FEATURES

-
-
-
-
-
-
-
-

APPLICATION

-
-
-
-
-
-

Dimensions: [mm]



Land Pattern: [mm]



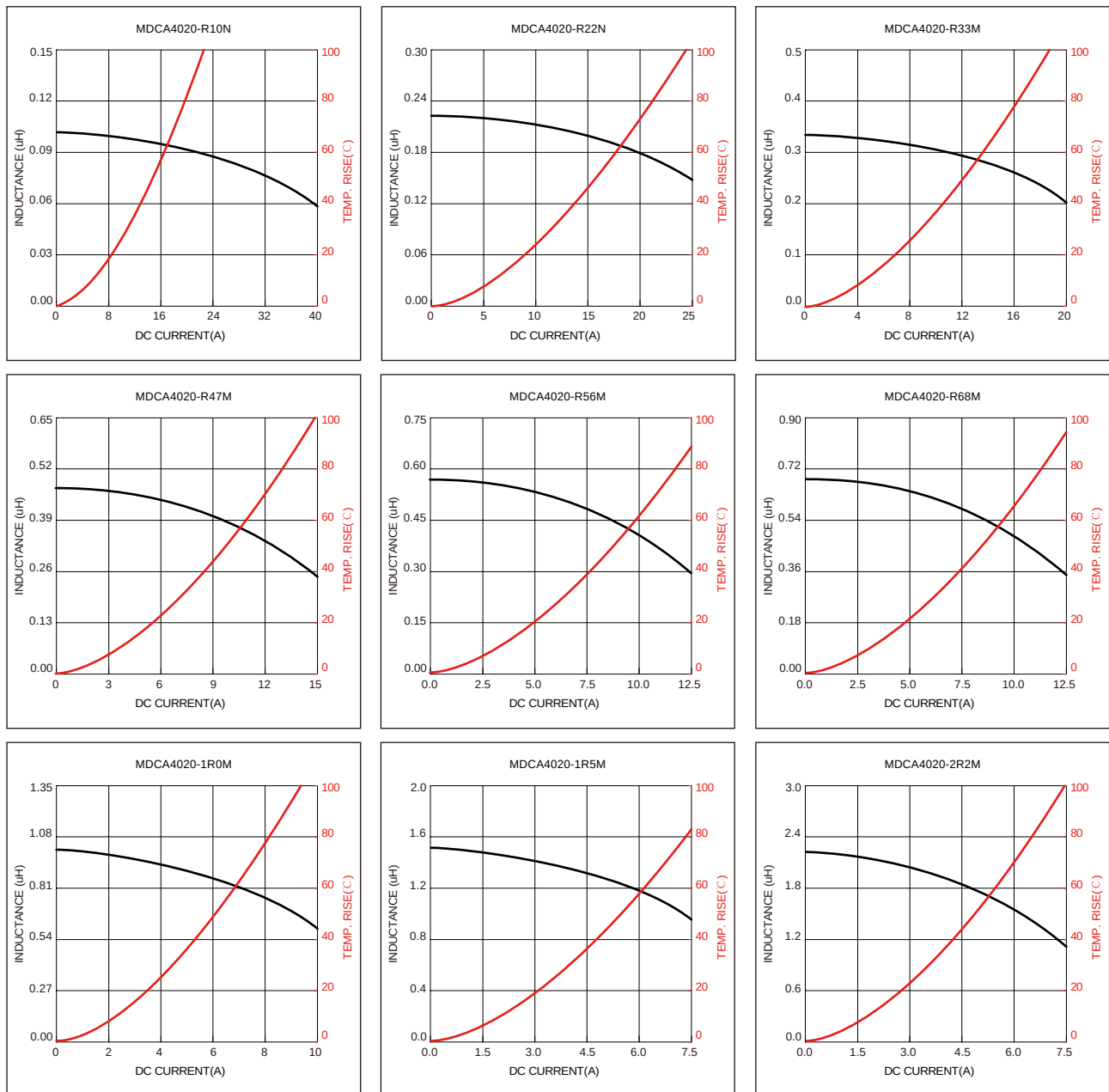
Electrical Properties:

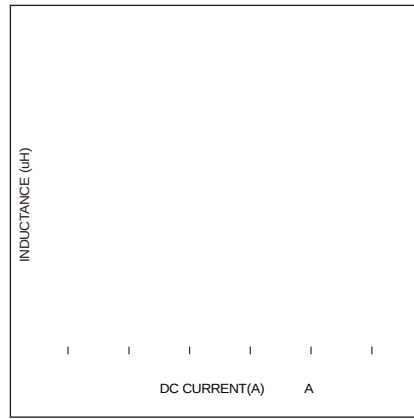
Part No	Inductance @ 100KHz/1V	Tolerance	Temperature Rise Current Typ.	Current Typ.	DC Resistance Typ.	DC Resistance Max.

Saturation Current will cause L to drop approximately 30%

Temperature Rise Current: The actual value of DC current when the temperature rise is $\Delta T=40^{\circ}\text{C}$

Typical Electrical Characteristics:

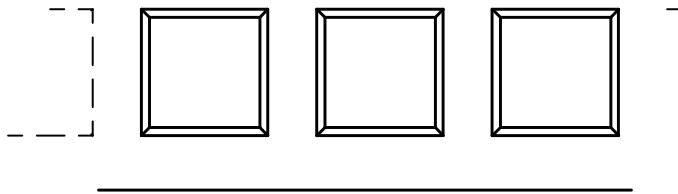




Soldering Reflow:

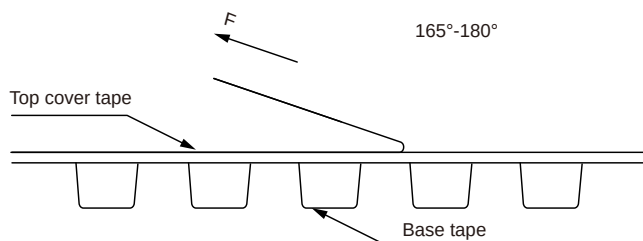
Packaging Information:

Tape Dimension:



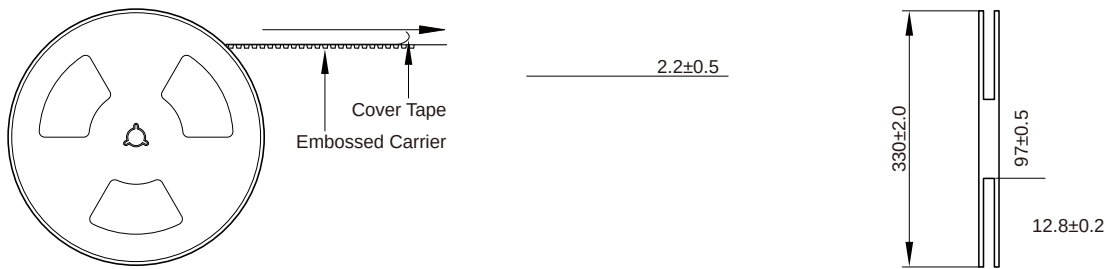
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
MDCA4020	4.5 ± 0.1	4.85 ± 0.1	1.5 ± 0.1	4.0 ± 0.1	8.0 ± 0.1	12 ± 0.3	2.3 ± 0.1	1.75 ± 0.1	0.35 ± 0.05

Peel force of top cover tape:

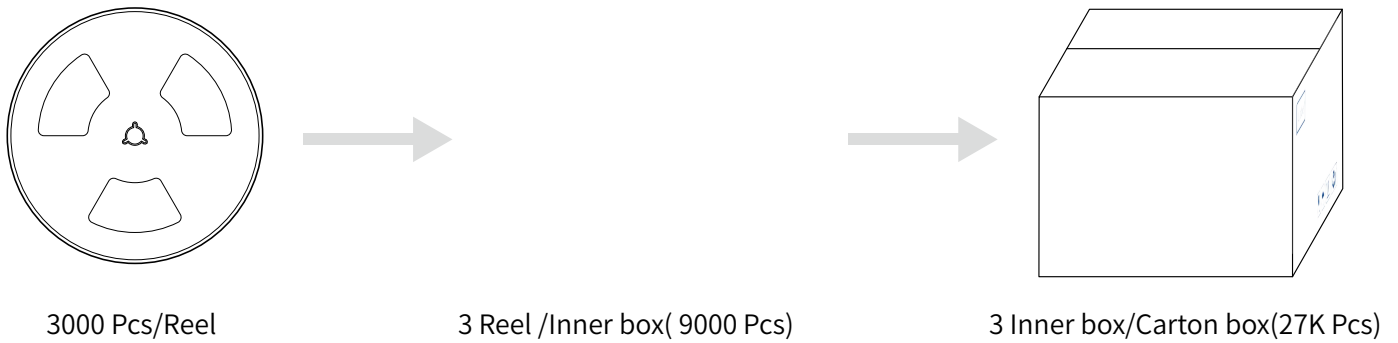


The peel force of top cover tape shall be between 0.1 to 1.3 N

Reel Dimension: [mm]



Packaging Quantity:



Cautions and Warnings:

Storage Conditions:

- The storage period is within 12 months after the completion of pro.142 c5 stor01 c-2.0707n. Bs wure to follow pro.within 1
-
-
-

Operation Instructions:

-
-
-
-