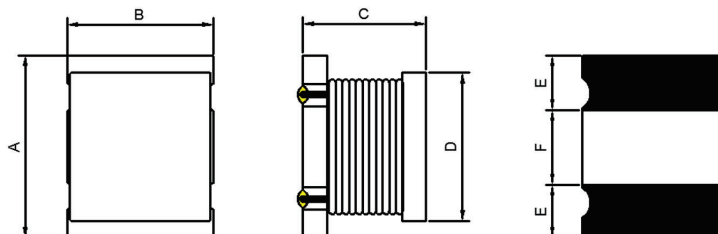


製品規格書

Product Specification

1. 外形尺寸 (単位:mm)

Physical Dimensions UNIT = mm



A	B	C	D	E	F	G	H	I
3.2±0.3	2.5±0.2	2.0±0.2	2.5±0.3	1.0±0.3	1.2±0.3	2.5Ref	1.3Ref	1.0Ref

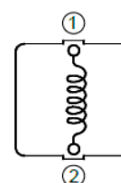
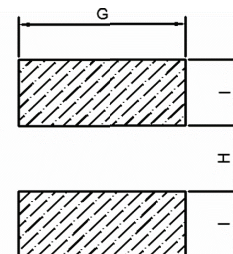
2. 电气特性

Electrical Characteristics

ZWcoil Part Name※ ※	Inductance (μH) [Within] 1MHz	DCR. (mΩ) ±30% (at 20°C)	Rated Current (A)※1	SRF MHz
ZW322520-R27MT	0.27	34	1.25	250
ZW322520-1R0MT	1.0	60	1.00	100
ZW322520-2R2MT	2.2	97	0.79	64
ZW322520-3R3MT	3.3	120	0.65	43
ZW322520-4R7MT	4.7	150	0.65	43
ZW322520-6R8MT	6.8	250	0.65	43
ZW322520-100KT	10	300	0.45	26
ZW322520-150KT	15	580	0.35	26
ZW322520-220KT	22	710	0.30	19
ZW322520-330KT	33	1100	0.25	17
ZW322520-470KT	47	1300	0.20	15
ZW322520-680KT	68	2200	0.15	12
ZW322520-101KT	100	3500	0.12	10

3. 建议PCB尺寸(単位:mm)

Recommended pad layout (UNIT:mm)



※1.Saturation Current: The DC current at which the inductance decreases to 70% of it's nominal value

※2 Temperature rise current: The DC current at which the temperature rise is Δt=40°C.(Ta=20°C)

4. 规格型号说明

Description of Part Name

ZW322520 4R7N □



Packaging: B Box, T Taping 2000Pcs/Reel

Tolerance: N ±30%, M ±20%

Inductance: 4R7 4.7μH, 100 10μH

Environmental Data

- Storage temperature range: -50°C to +155°C
- Operating temperature range: -50°C to +155°C (range is application specific)
- Solder reflow temperature: +260°C max for 10 seconds maximum

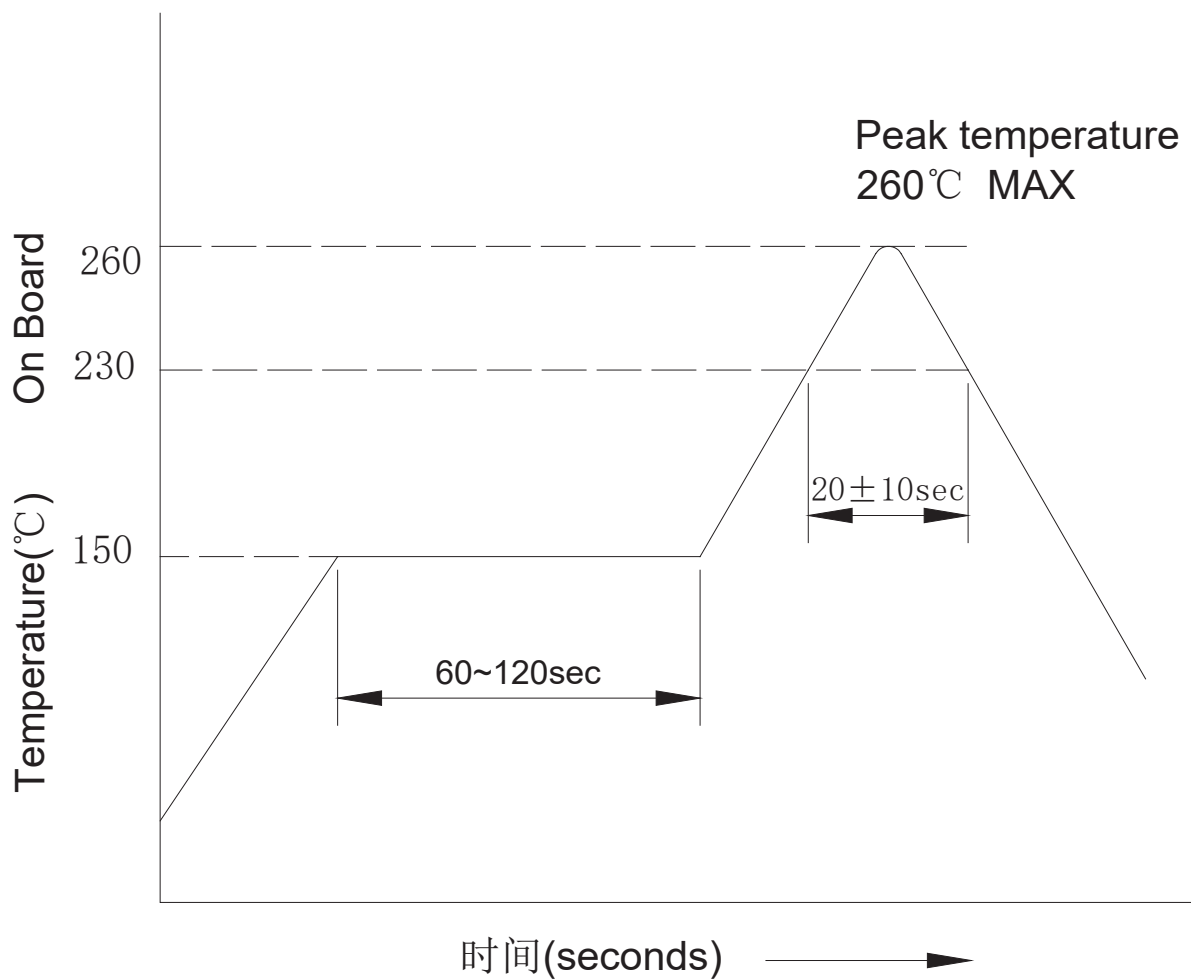
客户料號 :CUSTOMER'S PART NO. :	0	編號 :MODEL NO. :	ZW322520 Series
规格型號 :ZWCOIL PART NO. :	0	版本 :VERSION :	A
日期 :DATE :	2021/12/19	類別 :DESCRIPTION :	HIGH TEMPERATURE Inductors



製品規格書 Product Specification

5.推荐回流焊温度条件

Recommended Temperature Conditions of Air Reflow Soldering



客戶料號: CUSTOMER'S PART NO.:	0	編號: MODEL NO.:	ZW322520 Series
規格型號: ZWCOIL PART NO.:	0	版本: VERSION:	A
日期: DATE:	2021/12/19	類別: DESCRIPTION:	HIGH TEMPERATURE Inductors

变更记录

Revision Record

[illegible]

客戶料號： CUSTOMER'S PART NO.：	0	編號： MODEL NO.：	ZW322520 Series
規格型號： ZWCOIL PART NO.：	0	版本： VERSION：	A
日期： DATE：	2021/12/19	類別： DESCRIPTION：	HIGH TEMPERATURE Inductors