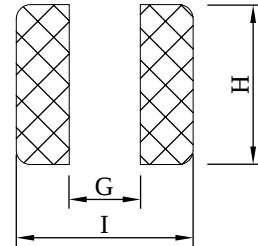
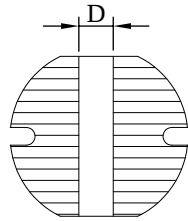
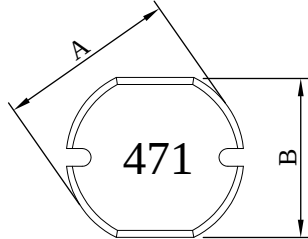


SPECIFICATION FOR APPROVAL

REF. :

PROD. NAME	SMD Power Inductor	ABC'S DWG NO.		GSDE0302471KAAJ		
		REV.	20231114-B	PAGE	1	

I . Configuration and dimensions :



(PCB Pattern)

Unit : mm

A	B	C	D	G	H	I
3.50 ± 0.3	3.00 ± 0.3	2.10 ± 0.3	1.00 ref.	0.80 ref.	3.00 ref.	3.60 ref.

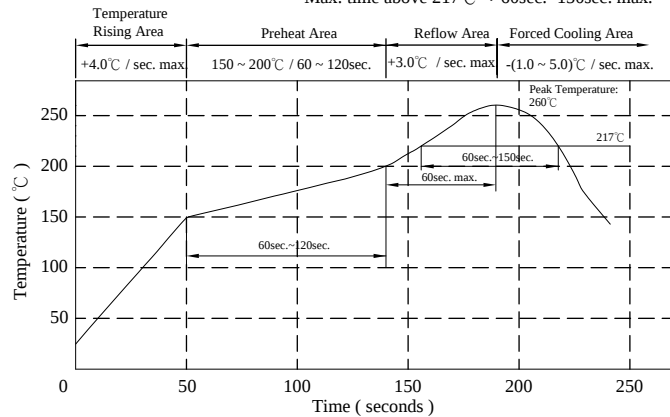
II . Description :

- a . Ferrite drum core construction.
- b . Enamelled copper wire : F class
- c . Product weight : 0.08g (ref.)
- d . Moisture sensitivity Level 1
- e . Products comply with RoHS' requirements
- f . Halogen free

III . General specification :

- a . Operating temp. : -40°C -----+125°C
(Temp. rise included.)
- b . Resistance to solder heat : 260°C .10 sec.

Peak temp. : 260°C max.
Max. peak temp. - 5°C : 30sec. max.
Max. time above 217°C : 60sec.~150sec. max.



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SPECIFICATION FOR APPROVAL

REF. :

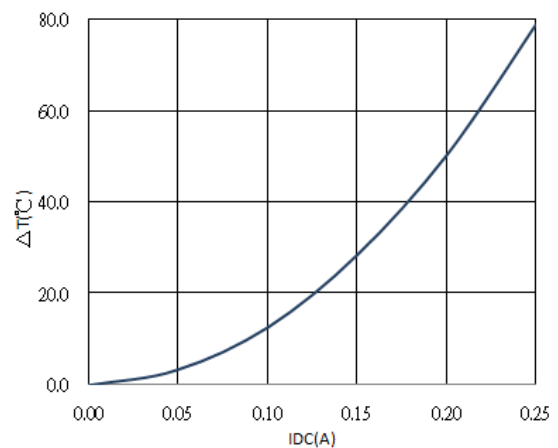
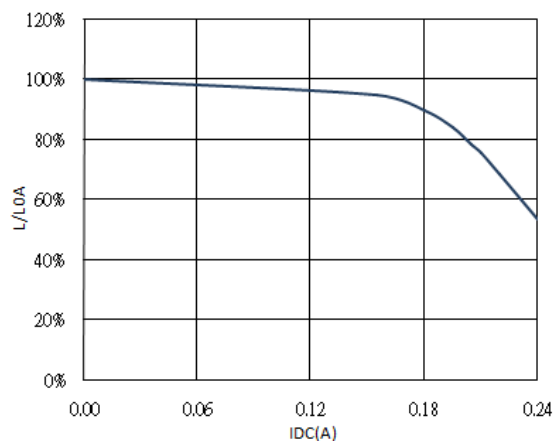
PROD. NAME	SMD Power Inductor	ABC'S DWG NO.		GSDE0302471KAAJ		
		REV.	20231114-B	PAGE	2	

IV . Electrical characteristics :

DWG No.	Inductance (μ H)	Test Freq. (Hz)	RDC (Ω) max.	Irms (A) max.	Isat (A) max.
GSDE0302471KAAJ	470.0 $\pm$ 10%	100k / 0.1V	14.0	0.13	0.13

- 1). Electrical specifications at 25°C
- 2). Isat base on $\Delta L/L0A = 10\%$ max.
- 3). Irms base on Temp. rise 40°C max.

V . Curve :



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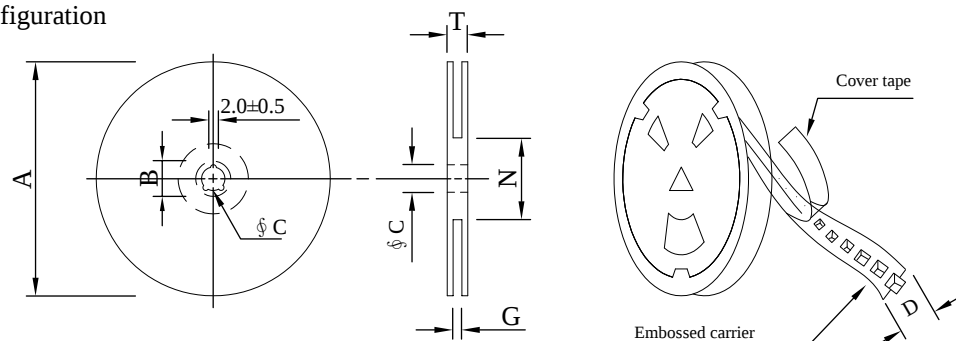
SPECIFICATION FOR APPROVAL

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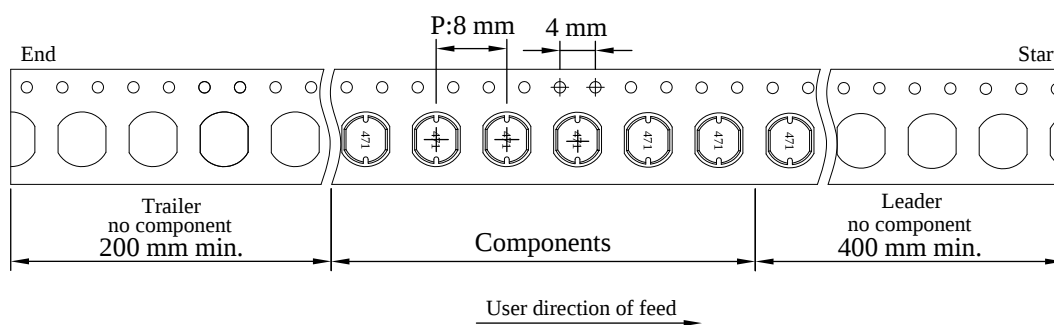
PROD. NAME	SMD Power Inductor	ABC'S DWG NO.		GSDE0302471KAAJ		
		REV.	20231114-B	PAGE	3	

VI . Packaging information :

(1) Configuration



※Carrier tape width : D



(2) Dimensions

Unit:mm

Style	A	B	C	D	G	N	T
13 - 12	330	21±0.8	13±0.5	12	14 ⁺⁰	50 ⁻⁰	18.5

(3) Q'TY & G.W. Per package

Code	Inner : Reel		
	Q'TY (pcs)	G.W. (g)	Style
A	3,000	1080	13 - 12

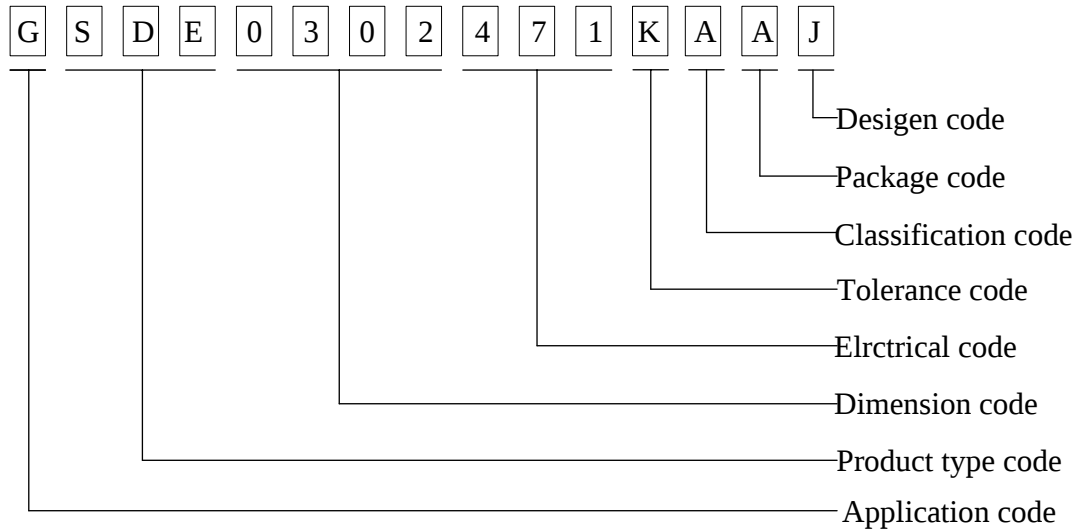
AR-001C

SPECIFICATION FOR APPROVAL

REF. :

PROD. NAME	SMD Power Inductor	ABC'S DWG NO.		GSDE0302471KAAJ		
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VII . Dwging number expression :



Package Information:

Code	Inner package	Inner package Q'TY	Remark
A	T/R (Reel package)	3000 PCS	