

SPECIFICATION FOR APPROVAL

REF. :

PROD. NAME	Power Inductor	ABC'S DWG NO.	PV1823□□□□L□-□□□		
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I . Configuration and dimensions :

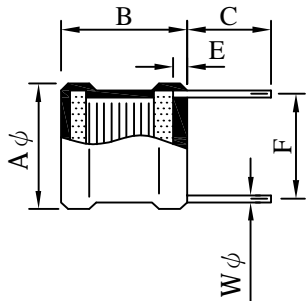


Fig : A

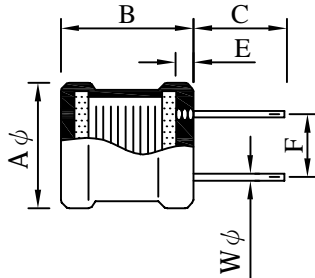


Fig : B



Unit : m/m

A	B	C	E
18.0 max.	23.0 max.	15.0±5.0	3.0 max.

II . Description :

- a . Ferrite drum core construction.
- b . Enamelled copper wire : F class
- c . Product weight : 17.5g (ref.)
- d . Moisture sensitivity Level 1
- e . Products comply with RoHS' requirements
- f . Halogen free available

III . General specification :

- a . Storage temp. : -40°C ~ +125°C
- b . Operating temp. : -40°C ~ +125°C
(Temp. rise included.)

IV . Electrical characteristics :

DWG No.	Inductance (μH)	Test Freq. (Hz)	RDC (Ω) max.	IDC (A) max.	Dimensions		Fig
					F m/m	W m/m	
PV1823100ML□-□□□	10 ±20%	1K	0.009	8.0	14.0	1.2	A
PV1823250KL□-□□□	25 ±10%	1K	0.022	6.0	14.0	1.0	A
PV1823500KL□-□□□	50 ±10%	1K	0.036	4.0	14.0	1.0	A
PV1823101KL□-□□□	100 ±10%	1K	0.090	3.0	9.0	1.0	B
PV1823251KL□-□□□	250 ±10%	1K	0.150	2.0	9.0	1.0	B
PV1823501KL□-□□□	500 ±10%	1K	0.300	1.2	9.0	1.0	B
PV1823102KL□-□□□	1000 ±10%	1K	0.600	1.0	9.0	1.0	B

- 1). Electrical specifications at 25°C
- 2). IDC base on Temp. rise 45°C max. & ΔL/L0A=10% max.

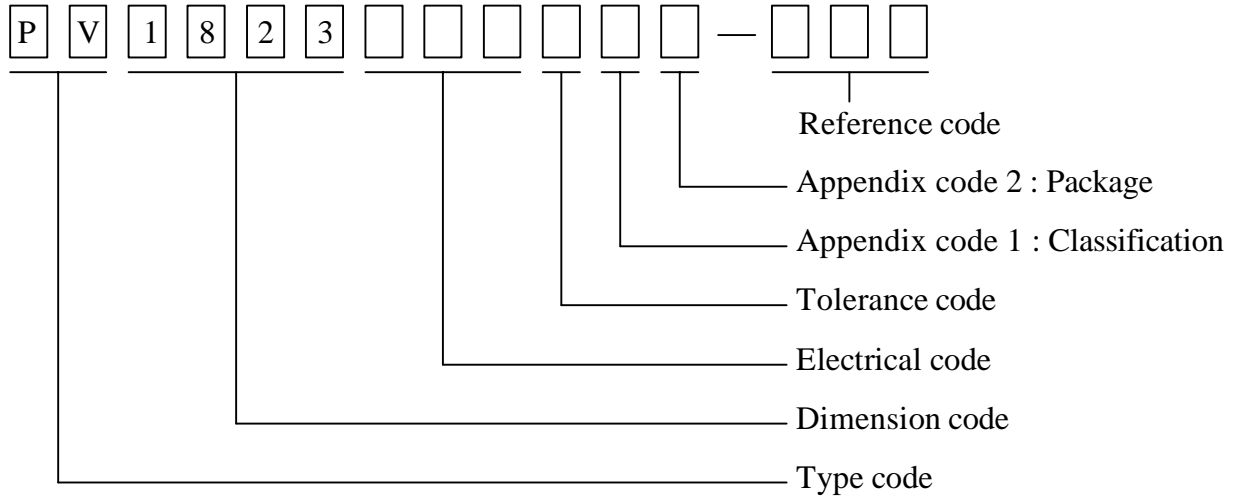
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V . Dwging number expression :



Appendix code 1 : Product Classification

L : Lead Free Standard products comply with RoHS' requirements

Appendix code 2 : Package Information

Code	Inner package	Inner package Q'TY	Remark
A	Tray	45 pcs	
B	Tray	190 pcs	