

# SPECIFICATION FOR APPROVAL

REF :

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PROD. NAME	POWER INDUCTOR	ABC'S DWG NO. ABC'S ITEM NO.	PV1823	S
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**. CONFIGURATION & DIMENSIONS :**

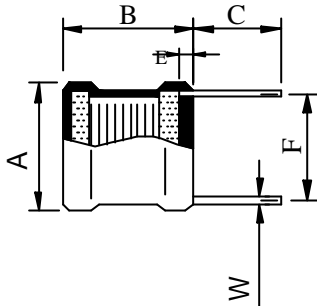


Fig : A

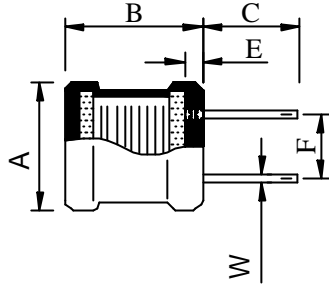
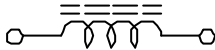


Fig : B

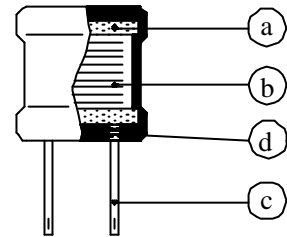
A :	18.0 max.	m/m
B :	23.0 max.	m/m
C :	15.0 ±5.0	m/m
E :	3.0 max.	m/m

**. SCHEMATIC DIAGRAM :**



**. MATERIALS :**

- a . Core : Ferrite DR core
- b . Wire : Enamelled copper wire
- c . Lead : Tinned copper wire
- d . Tube : Shrinkable tube 125



**. GENERAL SPECIFICATION :**

- a . The inductance drop at rated current is 10% max.
- b . Temp. rise : 45 max. at ratted current.
- c . Storage temp. : -40 +105
- d . Operating temp. : -25 +85

**. ELECTRICAL CHARACTERISTICS :**

DWG No.	Inductance ( μH )	Test Freq. ( Hz )	RDC ( ) max.	IDC ( A ) max.	Dimensions		Fig
					F m/m	W m/m	
PV1823100MS	10 ±20%	1K	0.009	8.0	14.0	1.2	A
PV1823250KS	25 ±10%	1K	0.022	6.0	14.0	1.0	A
PV1823500KS	50 ±10%	1K	0.036	4.0	14.0	1.0	A
PV1823101KS	100 ±10%	1K	0.090	3.0	9.0	1.0	B
PV1823251KS	250 ±10%	1K	0.150	2.0	9.0	1.0	B
PV1823501KS	500 ±10%	1K	0.300	1.2	9.0	1.0	B
PV1823102KS	1000 ±10%	1K	0.600	1.0	9.0	1.0	B

1). : Packaging information  Bulk

AE-001A

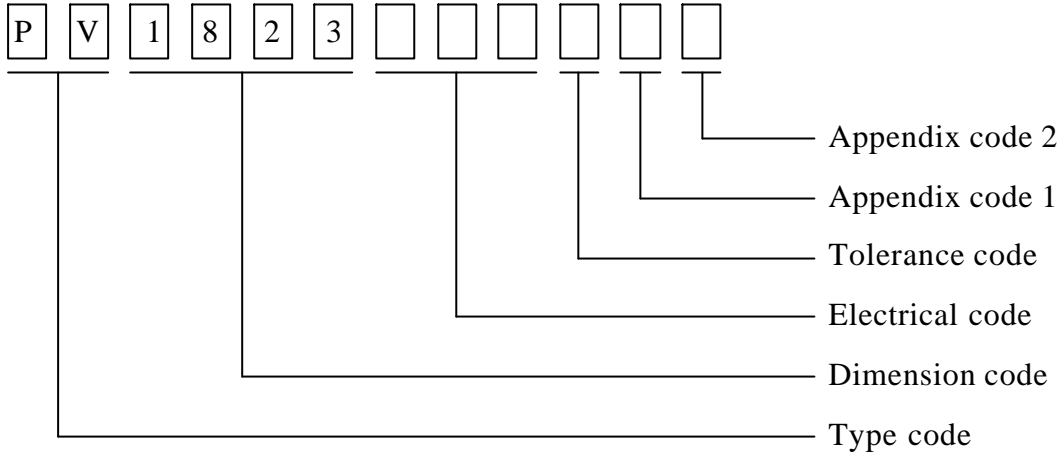
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PROD. NAME	POWER INDUCTOR	ABC'S DWG NO.	PV1823	S
		ABC'S ITEM NO.		

· DWG EXPRESSION :



Appendix code 1 : S : Standard products  
 A R , T Z : Special products

Appendix code 2 :

Code	Inner package	Inner package Q'TY	Remark
A	Tray	190 pcs	( A Type )

AE-001A

