

# SPECIFICATION FOR APPROVAL

REF : 20100118-A

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PROD. NAME	POWER INDUCTOR	ABC'S DWG NO.	PV2023□□□□L□-□□□
		ABC'S ITEM NO.	

### I . CONFIGURATION & DIMENSIONS :

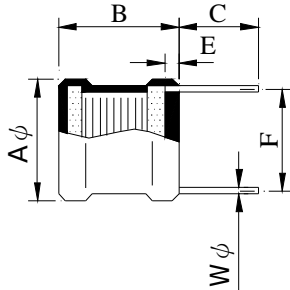


Fig : A

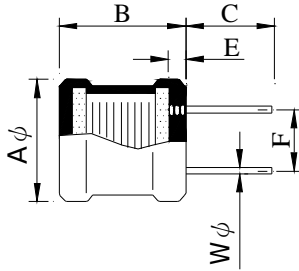


Fig : B

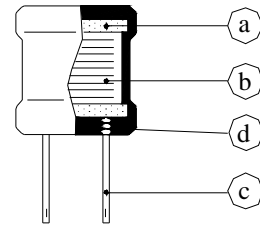
A	: 20.0 max.	m/m
B	: 23.0 max.	m/m
C	: 15.0±5.0	m/m
E	: 3.0 max.	m/m

### II . SCHEMATIC DIAGRAM :



### III . MATERIALS :

- a . Core : Ferrite DR core
- b . Wire : Enamelled copper wire
- c . Lead : Sn/Ag/Cu
- d . Tube : Shrinkable tube 125°C
- e . Remark : Products comply with RoHS' requirements



### IV . GENERAL SPECIFICATION :

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

### V . ELECTRICAL CHARACTERISTICS :

DWG No.	Inductance (μH)	Test Freq. (Hz)	RDC (Ω) max.	IDC (A) max.	Dimensions		Fig
					F m/m	W m/m	
PV2023100ML□-□□□	10 ±20%	1K	0.008	10.0	15.5	1.3	A
PV2023500KL□-□□□	50 ±10%	1K	0.032	5.0	15.5	1.0	A
PV2023101KL□-□□□	100 ±10%	1K	0.060	4.0	15.5	0.9	A
PV2023251KL□-□□□	250 ±10%	1K	0.140	2.5	12.5	1.0	B
PV2023501KL□-□□□	500 ±10%	1K	0.280	1.5	12.5	1.0	B
PV2023102KL□-□□□	1000 ±10%	1K	0.550	1.2	12.5	1.0	B
PV2023202KL□-□□□	2000 ±10%	1K	1.200	0.8	12.5	1.0	B

1). □ : Packaging information... [A]: Bulk

2). "-□□□":Reference code

AR-001A

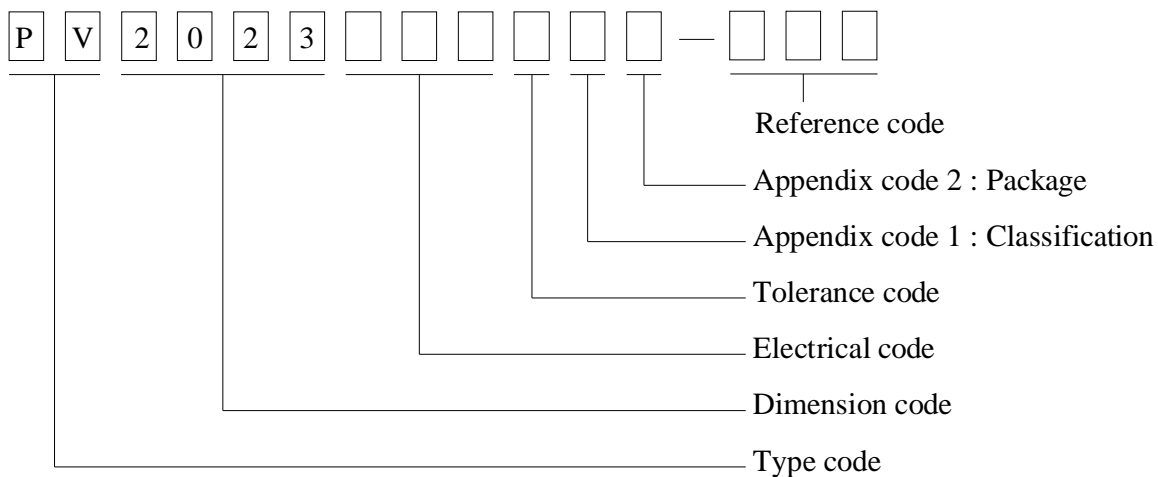
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VI . DWGING NUMBER EXPRESSION :



Appendix code 1 : Product Classification

L : Lead Free Standard products comply with RoHS' requirements

1 ~ 9 : Lead Free Special products comply with RoHS' requirements

Appendix code 2 : Package Information

Code	Inner package	Inner package Q'TY	Remark
A	Tray	170 pcs	( A Type )

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**VII . UL CARD :**

OBMW2 September 8, 2000

Magnet Wire-Component

JUNG SHING WIRE CO LTD E174837

231 CHUNG CHENG RD, SEC 3 JEN-TEH HSIANG, TAINAN  
HSIEN TAIWAN

Mtl Dsg	Mark Dsg	BC	Coat Typ	OC	ANSI Type	Temp Class
AIW	---	Polyamideimide	---	---	MW81-C	220
CFUEWB	---	Polyurethane	---	---	MW75C	130
EIAIW	---	Polyesterimide	Polyamideimide	---	MW35C	200
EILOCKY	---	Polyesterimide	Polyamide	---	---	180
EILOCKW	---	Polyesterimide	Modified Epoxy	---	---	200
EIW	---	Polyesterimide	---	---	---	220
EIW-2	---	Polyesterimide	---	---	MW74-C	200
FL_EILOCKY	---	Modified Polyester	Polyamide	---	---	155
LSFFW	---	Polyurethane	---	---	MW79-C	155
LSUEW	---	Polyurethane	---	---	---	130
PEW	---	Polyester	---	---	---	155
PEY	---	Polyester	Nylon	---	MW24-C	155
SF.FLW	---	Modified Polyester	---	---	MW26C	155
SF.EIW	---	Polyesterimide	---	---	MW77C	180
SF.BY@	---	Modified Polyester	Nylon	---	MW27-C	155
SF.FLY@	---	Modified Polyester	Nylon	---	MW27-C	155
SF.BLOCKBS	---	Modified Polyester	Modified Polyamide	---	---	155
SF.EILOCKY#	---	Polyesterimide	Polyamide	---	---	180
SF.EILOCKBS	---	Polyesterimide	Modified Polyamide	---	---	180
SF.BW@	---	Modified Polyester	---	---	MW26C	155
SFFW	---	Polyurethane	---	---	MW79	155

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Mtl Dsg	Mark Dsg	BC	Coat Typ	OC	ANSI Type	Temp Class
SFFY	---	Polyurethane	Polyamide	---	MW80C	155
UEW-1	---	Polyurethane	---	---	MW2-C	105
UEW-2	---	Polyurethane	---	---	---	130
UEW-4	---	Polyurethane	---	---	MW75C	130
UEY	---	Polyurethane	Nylon	---	MW28-C	130
UEY-2	---	Polyurethane	Polyamide	---	MW28-C	130

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