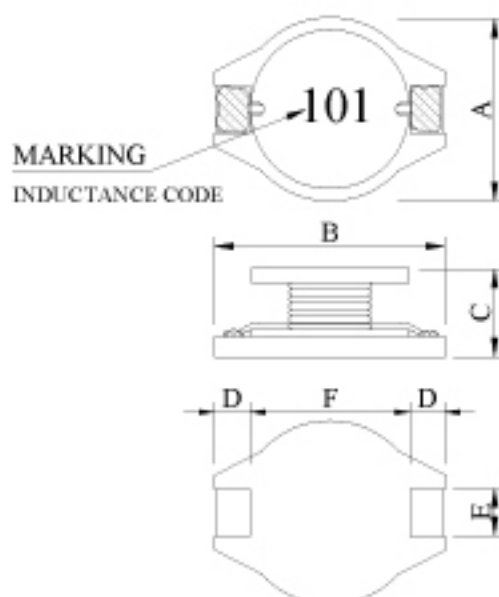


# SPECIFICATION FOR APPROVAL

Product Name	SMD POWER INDUCTORS (LEAD FREE)	Page	1
	SWTW3340 Series	Rev. No.	A

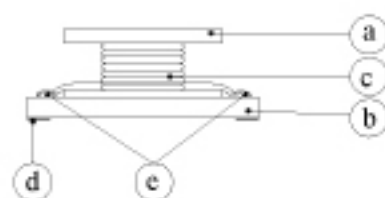
## 1. CONFIGURATION & DIMENSIONS :



A	: 10.00± 0.2	m/m
B	: 12.70± 0.2	m/m
C	: 11.00± 0.5	m/m
D	: 2.40± 0.2	m/m
E	: 2.20± 0.2	m/m
F	: 7.60± 0.3	m/m
G	: 7.30 REF.	m/m
H	: 2.80 REF.	m/m
I	: 3.00 REF.	m/m



## 2. SCHEMATIC DIAGRAM :



## 3. MATERIALS :

NO.	DESCRIPTION	SPECIFICATION	REMARK
a.	CORE	DR FERRITE CORE	
b.	BASE	LCP	
c.	WIRE	ENAMELLED COPPER WIRE 2-U EW	
d.	TERMINAL	TINNED COPPER PLATED	
e.	ADHESIVE	EPOXY	

## 4. GENERAL SPECIFICATION :

- a. TEMP. RISE : 40° C MAX.
- b. RATED CURRENT : BASE ON TEMP. RISE &  $\Delta L / L_{0A} = 10\%$  MAX.
- c. STORAGE TEMP. : -40° C ~ +125° C
- d. OPERATING TEMP. : -25° C ~ +85° C
- e. RESISTANCE TO SOLDER HEAT : 260° C, 10 SECS.



**RoHS Compliant**

# SPECIFICATION FOR APPROVAL

Product Name	SMD POWER INDUCTORS (LEAD FREE)	Page	2
Superworld Part No.	SWTW3340 Series	Rev. No.	A

## 5. ELECTRICAL CHARACTERISTICS :

Part No.	INDUCTANCE ( $\mu$ H)	Q REF.	TEST FREQ. ( HZ )		SRF ( MHZ ) TYP.	RDC ( mOHM ) MAX	IDC ( A )
			L	Q			
SWTW3340-100MF	10 $\pm$ 20%	30	100K		23.0	40	3.50
SWTW3340-150MF	15 $\pm$ 20%	30	100K		14.0	50	3.20
SWTW3340-220MF	22 $\pm$ 20%	40	100K		8.5	66	2.90
SWTW3340-330MF	33 $\pm$ 20%	40	100K		7.0	80	2.35
SWTW3340-470MF	47 $\pm$ 20%	35	100K		6.5	110	2.10
SWTW3340-680MF	68 $\pm$ 20%	35	100K		4.5	170	1.90
SWTW3340-101MF	100 $\pm$ 20%	30	100K		4.0	220	1.55
SWTW3340-151MF	150 $\pm$ 20%	30	100K		3.0	340	1.35
SWTW3340-221MF	220 $\pm$ 20%	50	100K		2.5	440	1.00
SWTW3340-331MF	330 $\pm$ 20%	50	100K		2.3	700	0.90
SWTW3340-471MF	470 $\pm$ 20%	45	100K		2.0	950	0.75
SWTW3340-681MF	680 $\pm$ 20%	50	100K		1.5	1200	0.55
SWTW3340-102MF	1000 $\pm$ 20%	50	100K		1.3	2000	0.50



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