

SPECIFICATION FOR APPROVAL

REF :

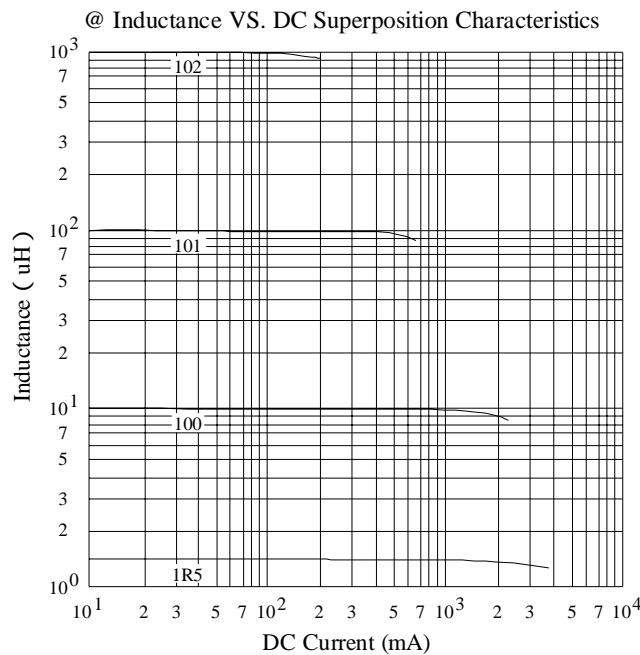
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PROD. NAME	SHIELDED SMD POWER INDUCTOR	ABC'S DWG NO.	SS0604□□□□L□-□□□
		ABC'S ITEM NO.	

ELECTRICAL CHARACTERISTICS :

DWG No.	Inductance (uH)	Test Freq. (Hz)	RDC (Ω) max	IDC (A) max
SS06041R5ML□-□□□	1.5±20%	1K	0.028	2.80
SS06042R5ML□-□□□	2.5±20%	1K	0.035	2.50
SS06043R3ML□-□□□	3.3±20%	1K	0.050	2.30
SS06044R7ML□-□□□	4.7±20%	1K	0.060	2.00
SS06046R8ML□-□□□	6.8±20%	1K	0.070	1.60
SS0604100ML□-□□□	10.0±20%	1K	0.120	1.30
SS0604150ML□-□□□	15.0±20%	1K	0.130	1.10
SS0604220ML□-□□□	22.0±20%	1K	0.190	0.90
SS0604330KL□-□□□	33.0±10%	1K	0.250	0.70
SS0604470KL□-□□□	47.0±10%	1K	0.360	0.60
SS0604680KL□-□□□	68.0±10%	1K	0.520	0.50
SS0604101KL□-□□□	100.0±10%	1K	0.650	0.40
SS0604151KL□-□□□	150.0±10%	1K	1.000	0.30
SS0604221KL□-□□□	220.0±10%	1K	1.700	0.25
SS0604331KL□-□□□	330.0±10%	1K	2.100	0.20
SS0604471KL□-□□□	470.0±10%	1K	3.300	0.18
SS0604681KL□-□□□	680.0±10%	1K	4.800	0.15
SS0604102KL□-□□□	1000.0±10%	1K	6.100	0.12

- 1). □ : Packaging information... **A** : Bulk **B** : Taping Reel
 2). "- □□□":Reference code



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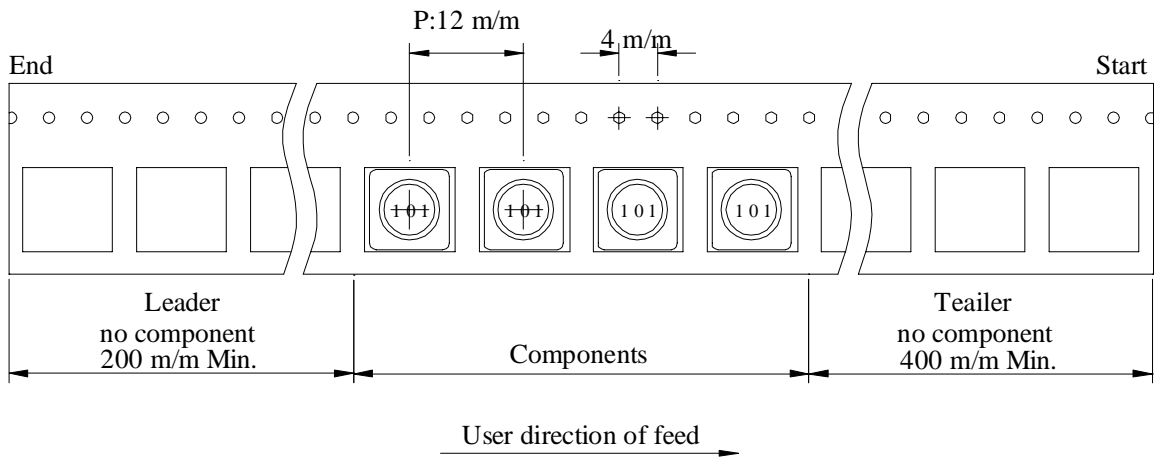
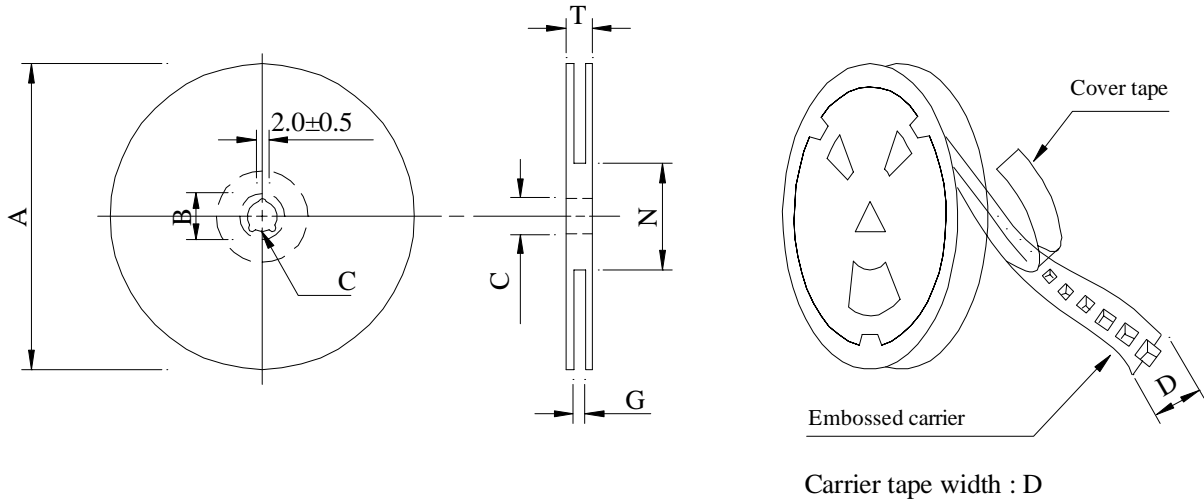
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		ABC'S ITEM NO.	

PACKAGING INFORMATION :

(1) Configuration



(2) Dimensions

Unit:m/m

Style	A	B	C	D	G	N	T
13 - 16	330	21±0.8	13	16	18 ⁺⁰	50 ⁻⁰	22.4

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

Series	Inner : Reel			Outer : Carton		
	Q'TY (pcs)	G.W. (gw)	Style	Q'TY (pcs)	G.W. (Kg)	Size (cm)
SS0604	1,000	1,000	13 - 16	6,000	10.5	40 x 40 x 24

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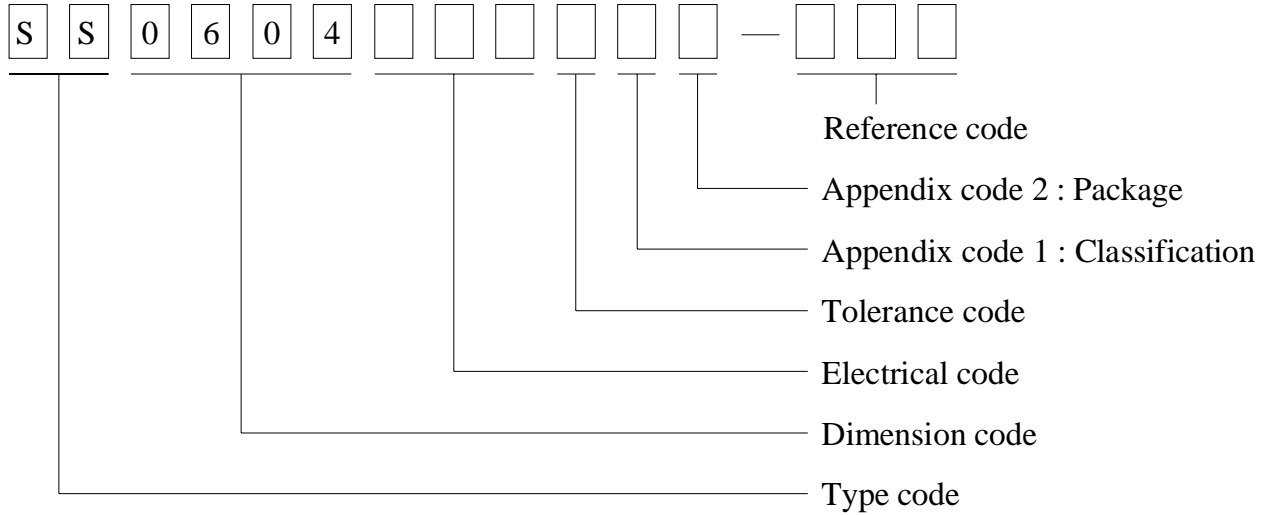
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. DWGING NUMBER EXPRESSION :



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	T.B.D.	T.B.D.	
B	T / R (Reel package)	1000 pcs	

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. RELIABILITY TEST :

Test item	Specification	Test condition												
Solderability	More than 90% of the terminal electrode shall be covered With fresh solder.	Preheat : 150±25 for 60 seconds Solder : Sn96.5 / Ag3 / Cu0.5 or equivalent Solder temp. : 235±5 Flux : Rosin Dip time : 4±1 seconds												
Thermal shock test (Temp. cycle)	Inductance shall not change more than ±20%	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Room temp.</td> <td style="text-align: center;">—————▶</td> <td style="text-align: center;"><u>-25±2</u></td> </tr> <tr> <td style="text-align: center;">15 minutes</td> <td></td> <td style="text-align: center;">30 minutes</td> </tr> <tr> <td style="text-align: center;">Room temp.</td> <td style="text-align: center;">—————▶</td> <td style="text-align: center;"><u>85±2</u></td> </tr> <tr> <td style="text-align: center;">15 minutes</td> <td></td> <td style="text-align: center;">30 minutes</td> </tr> </table> <p>Total : 50 cycles</p>	Room temp.	—————▶	<u>-25±2</u>	15 minutes		30 minutes	Room temp.	—————▶	<u>85±2</u>	15 minutes		30 minutes
Room temp.		—————▶	<u>-25±2</u>											
15 minutes			30 minutes											
Room temp.		—————▶	<u>85±2</u>											
15 minutes		30 minutes												
Humidity Resistance test	Temperature : 40±2 Humidity : 90 ~ 95% Applied current : Per spec. Time : 500 hours													
High temp. Resistance test	Temperature : 105±2 Applied current : Per spec. Time : 500 hours													

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PROD. NAME	SHIELDED SMD POWER INDUCTOR	ABC'S DWG NO.	SS0604□□□□L□-□□□
		ABC'S ITEM NO.	

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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OBMW2/E174837
September 8, 2000

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PROD.	SHIELDED SMD	ABC'S DWG NO.	SS0604□□□□L□-□□□
NAME	POWER INDUCTOR	ABC'S ITEM NO.	

SUMITOMO CHEMICAL CO LTD										E54705 (M)		
5-33 KITAHAMA 4-CHOME CHUO-KO, OSAKA JAPAN												
Mtl Dsg	Col	Min Thk mm	UL94 Flame Class	Elec	RTI		w/o Imp	H W I	H A I	H V T R	D 4 5	C T I
					with Imp	Mech						
Liquid crystal polyester (LCP), designated "EKONOL" or "SUMIKASUPER", furnished in the form of pellets, (Contd)												
E4008, E400X	NC, BK	0.30	94V-0	130	130	130	—	—	—	—	—	—
		0.75	94V-0	130	130	130	3	4	—	—	—	—
		1.5	94V-0	130	130	130	2	4	—	—	—	—
		3.0	94V-0	130	130	130	1	4	0	5	4	—
E4008	NC, WT, BK	0.30	94V-0	130	130	130	—	—	—	—	—	—
		0.75	94V-0	220	180	220	3	4	—	—	—	—
		1.5	94V-0	220	200	240	2	4	—	—	—	—
		3.0	94V-0	220	200	240	1	4	0	5	4	—
E4010	NC, BK	0.30	94V-0	130	130	130	—	—	—	—	—	—
		0.75	94V-0	220	180	220	3	4	—	—	—	—
		1.5	94V-0	220	200	240	2	4	—	—	—	—
		3.0	94V-0	220	200	240	1	4	0	5	4	—
E400(Y)L, E4008L	NC, BK	0.30	94V-0	130	130	130	—	—	—	—	—	—
		0.75	94V-0	130	130	130	3	4	—	—	—	—
		1.5	94V-0	130	130	130	2	4	—	—	—	—
		3.0	94V-0	130	130	130	1	4	0	5	4	—
E4810	NC, BK	0.30	94V-0	130	130	130	—	—	—	—	—	—
		0.75	94V-0	130	130	130	0	4	—	—	—	—
		1.5	94V-0	130	130	130	0	4	—	—	—	—
		3.0	94V-0	130	130	130	1	4	0	5	4	—

(X) Denotes any number 1 thru 9.
(Y) Denotes any number 1 thru 7.

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