

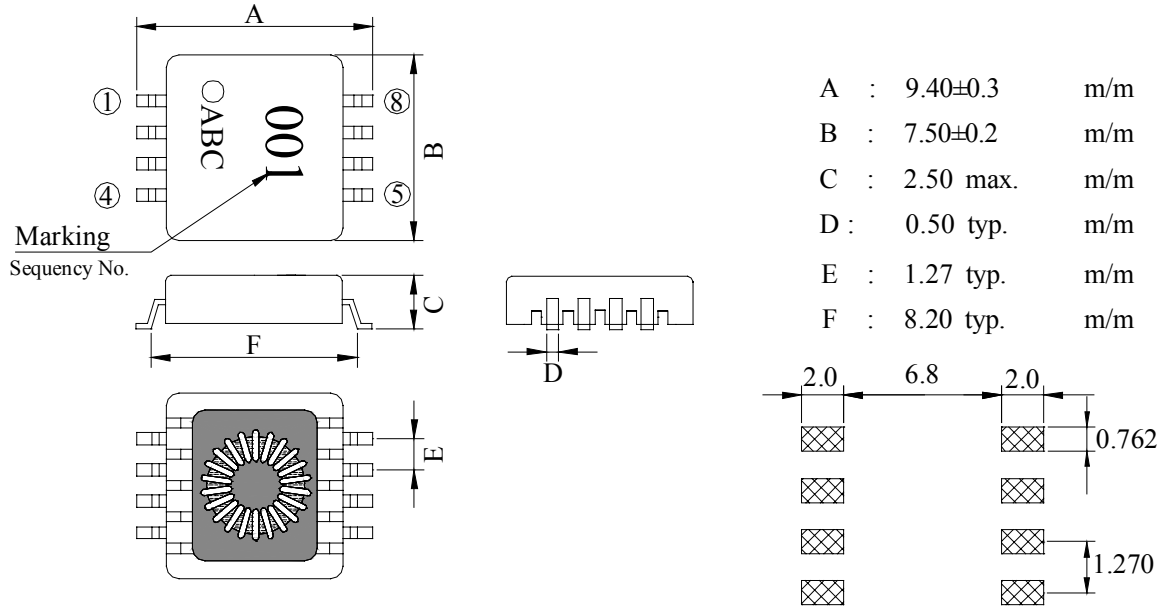
SPECIFICATION FOR APPROVAL

REF :

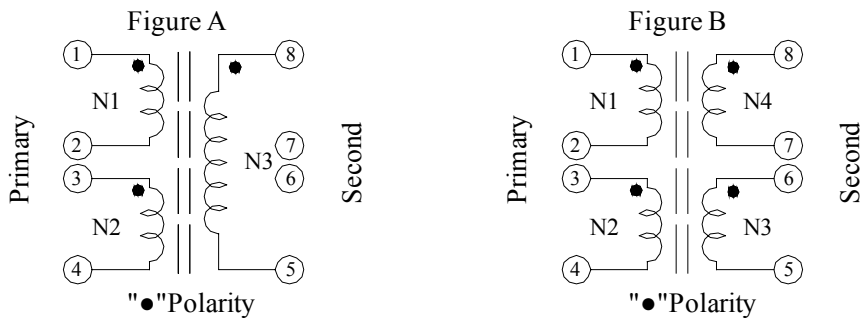
PAGE: 1

PROD. NAME	SMD TRANSFORMER	ABC'S DWG NO.	ST3008□□□□L□-□□□
		ABC'S ITEM NO.	

. CONFIGURATION & DIMENSIONS :

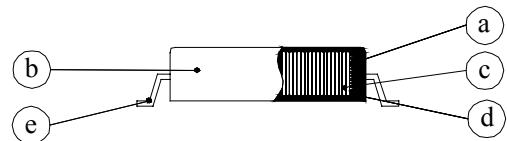


. SCHEMATIC DIAGRAM :

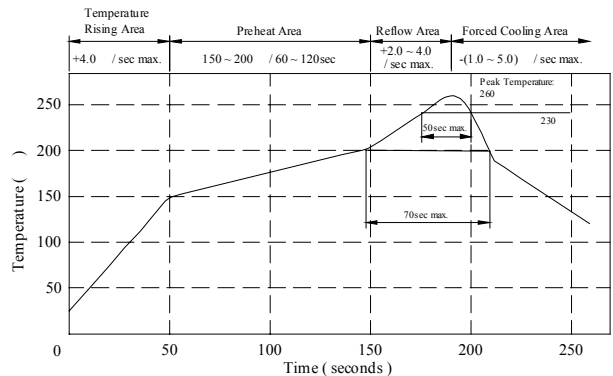


. MATERIALS :

- a . Core : Ferrite T core
- b . Base : Phenolic
- c . Wire : Enamelled copper wire (class F)
- d . Adhesive : Epoxy resin
- e . Terminal : Tinned copper flat
- f . Remark : Lead content 200ppm max. include ferrite



Peak Temp : 260 max.
 Max time above 230 : 50sec max.
 Max time above 200 : 70sec max.



. ENVIRONMENTAL SPECIFICATION :

- a . Temp. rise : 25 max.
- b . Storage temp . : -40 ----+105
- c . Operating ambient temp . : -40 ----+85
- d . Resistance to solder heat : 260 . 10 secs.

AE-001A

SPECIFICATION FOR APPROVAL

REF :

PAGE: 2

PROD. NAME	SMD TRANSFORMER	ABC'S DWG NO.	ST3008□□□□L□-□□□
		ABC'S ITEM NO.	

. ELECTRICAL CHARACTERISTICS :

DWG No.	Turns ratio N1:N2:N3:N4	L1,L2 uH typ.	C n-n pF max.	RDC1,RDC2 Ω max.	HI POT N-N	Figure
ST30080001L□ -□□□	1:1:1	240	10	0.6	1500Vac 60Hz 3mA 1min.	A
ST30080002L□ -□□□	4:4:3		10			A
ST30080003L□ -□□□	2:2:3		12			A
ST30080004L□ -□□□	1:1:1.3:1.3		12			B

1) . C / L test freq. : 0.05V/100KHz

2)."-□□□":Reference code

AE-001A

SPECIFICATION FOR APPROVAL

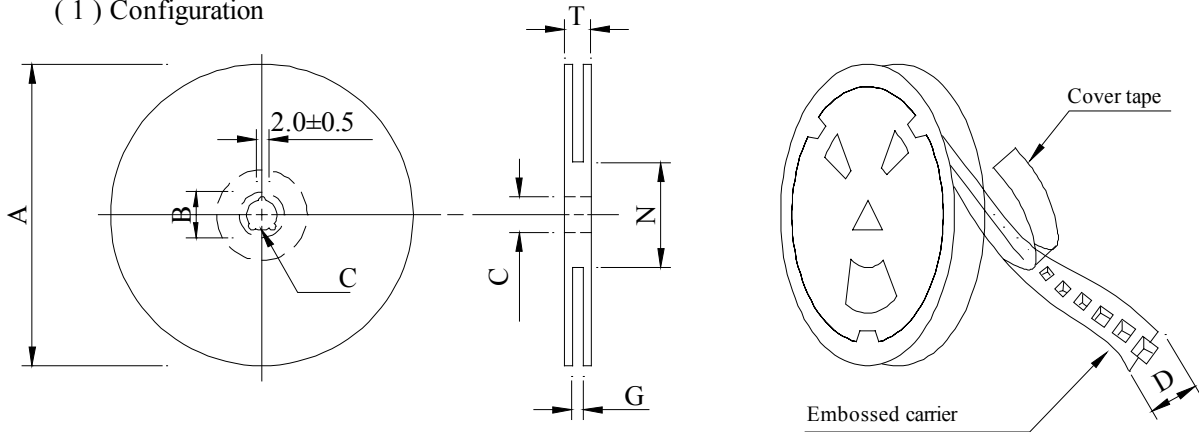
REF :

PAGE: 3

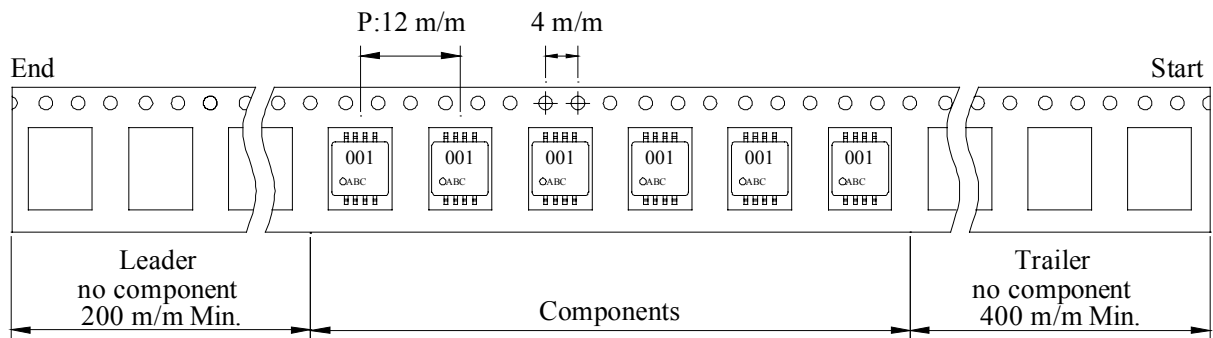
PROD. NAME	SMD TRANSFORMER	ABC'S DWG NO.	ST3008□□□□L□-□□□
		ABC'S ITEM NO.	

. PACKAGING INFORMATION :

(1) Configuration



Carrier tape width : D



User direction of feed →

(2) Dimensions (EIA-481 Standard)

Unit:m/m

Style	A	B	C	D	G	N	T
07 - 16	178	21±0.8	13	16	18 ⁺⁰	50 ⁻⁰	20.5
13 - 16	330	21±0.8	13 ^{+0.5} -0.2	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)
ST3008	500	160	07 - 16	15,000	6.5	42 x 41 x 24
	2,000	640	13 - 16	12,000	5.8	40 x 40 x 24

AE-001A

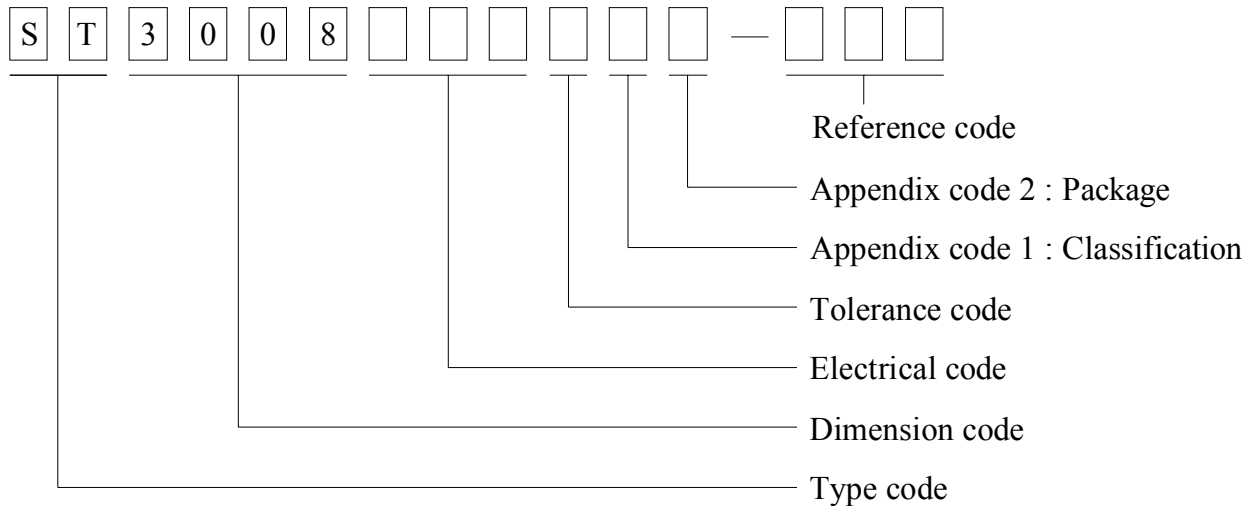
SPECIFICATION FOR APPROVAL

REF :

PAGE: 4

PROD. NAME	SMD TRANSFORMER	ABC'S DWG NO.	ST3008□□□□L□-□□□
		ABC'S ITEM NO.	

. 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)	500 pcs	
C	T / R (Reel package)	2000 pcs	

SPECIFICATION FOR APPROVAL

REF :

PAGE: 5

PROD. NAME	SMD TRANSFORMER	ABC'S DWG NO.	ST3008□□□□L□-□□□
		ABC'S ITEM NO.	

. 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. 15 minutes</td> <td style="text-align: center;">→</td> <td style="text-align: center;">-25±2 30 minutes</td> </tr> <tr> <td style="text-align: center;">Room temp. 15 minutes</td> <td style="text-align: center;">→</td> <td style="text-align: center;">85±2 30 minutes</td> </tr> </table> <p>Total : 50 cycles</p>	Room temp. 15 minutes	→	-25±2 30 minutes	Room temp. 15 minutes	→	85±2 30 minutes
Room temp. 15 minutes		→	-25±2 30 minutes					
Room temp. 15 minutes		→	85±2 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							

SPECIFICATION FOR APPROVAL

REF :

PAGE: 6

PROD. NAME	SMD TRANSFORMER	ABC'S DWG NO.	ST3008□□□□L□-□□□
		ABC'S ITEM NO.	

DWG EXPRESSION :

OBMW2

Magnet Wire-Component

JUNG SHING WIRE CO LTD

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

September 8, 2000

E174837

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

287806002

Page 1 of 2

A not-for-profit organization
dedicated to public safety and
committed to quality service

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

@-May be suffixed by LZ; # - May be suffixed by LZ, EL or LZL.
LZ - Signifies magened wires twisted together; EL - signifies base coated magnet wire laid parallel with top coat applied overall; LZL - signi-
fies base coated magnet wire twisted together and covered with top coat overall.

Marking: Company name or trademarks or 榮星電線, material designation or marked designation on packaed or reel, and
Recognized Component Mark.

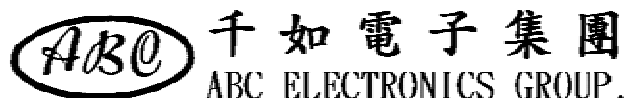
See General Information Preceding These Recognitions
For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

287806002

Page 2 of 2

OBMW2E174837
September 8, 2000

AE-001A



SPECIFICATION FOR APPROVAL

REF :

PAGE: 7

PROD. NAME	SMD TRANSFORMER	ABC'S DWG NO.	ST3008□□□□L□-□□□
		ABC'S ITEM NO.	

QMFZ2		January 15, 1991	
Component-Plastics			
SUMITOMO BAKELITE CO LTD		E41429 (M)	
(11-cont. from I card)			
PM-9630	BK	0.40 0.51 3.18	94V-0 94V-0 94V-0
PM-8315	BK	0.50	94V-0
PM-8315J	BN	0.71 1.47 3.05 6.10	94V-0 94V-0 94V-0 94V-0
PM-8315K	BK	0.78 1.52	94V-1 94V-0
PM-8320J	BK	0.71	94HB
PM-8330	BK	0.71 1.57	94V-1 94V-0
PM-8400	BK	0.71	94HB
PM-9830	BK	0.69 3.18	94V-0 94V-0

Reports: March 29, 1985: May 14, 1974: September 16, 1971: September 16, 1971:
September 16, 1971: September 16, 1971: March 29, 1985.

Replaces E4142911 dated February 28, 1990. (Cont. on J card)

683540014 N7047 Underwriters Laboratories Inc. ® D11/0043416

AE-001A

