双信管理番号　EYA－３４０５－A

納　入　仕　様　書

アジレント・テクノロジー株式会社　殿

仕様書番号

受領印欄

東京都八王子市高倉町９番１号
アジレント・テクノロジー株式会社

―― お手元に到着後、１ヶ月以内に内容ご確認の上、受領印欄へ確認印を押印し、内１部を弊社営業担当まで返却頂きますようお願い致します。
尚、期限迄に返却なき場合は、提出日に戻って受領されたものとさせて頂きます。 ――

双信電機株式会社

製造本部　浅間工場　ﾌｨﾙﾀ技術部　FT 技術課

技術担当	岩田　貴男
営業担当	戸切　雄一
発行年月日	２００１年１２月１８日

No. WE007D　11 年間保管

SPECIFICATION	Spec. No: EYA-3405-A 1/3
	Date : December 18 , 2001

1. " SOSHIN " Low Pass FILTER " CLP6.1MHz-3405 "

2. Electrical Performance

2.1	Zin & Zout	:	50Ω (unbalanced)
2.2	Insertion Loss	:	3.0±0.3dB (at 100kHz)
2.3	Nominal Cut-off Frequency(fc)	:	6.1MHz
2.4	Pass Band Ripple	:	0.2dBp-p (0～4.7MHz)
2.5	Attenuation	:	20dB MIN (at 9.4MHz)
	(refer to 100kHz)		40dB MIN (11.75～250MHz)
2.6	Harmonic Distortion	:	-80dBc MAX (at 1MHz)
			(Second-order , Third-order)
2.7	Level	:	2Vp-p MAX
2.8	Filter design	:	The response rule is to BUTTERWORTH
			(n=9 non pole type)

3. Environmental Conditions

3.1	Operating Temperature Range	:	0 ～ 55℃
3.2	Operating Humidity Range	:	0 ～ 95% RH 40℃ 24H(non-condensing)
3.3	Storage Temperature Range	:	-40 ～ 70℃

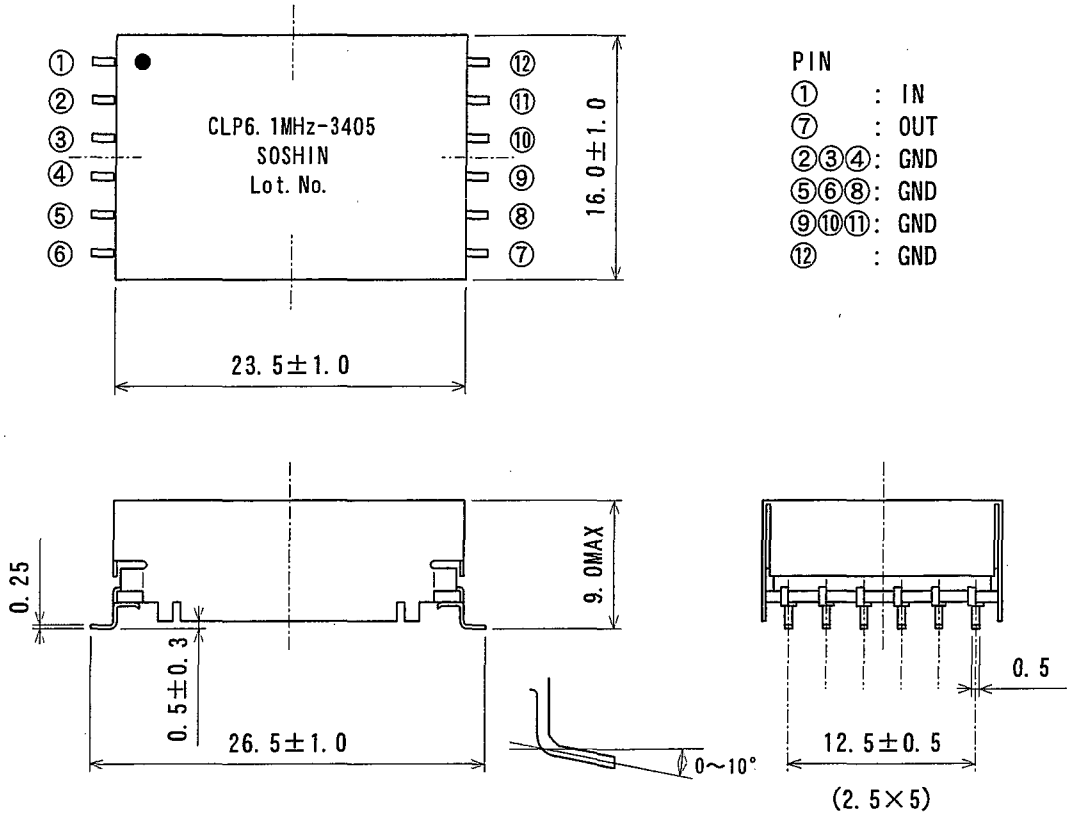
4. Appearance

4.1	Dimensions	:	See fig.1
4.2	Case	:	SPTE t=0.2mm
4.3	Terminal	:	PBR t=0.25mm solder plated(Sn:Pb=9:1)
4.4	Marking	:	See fig.1

Any alteration of production lines, design and material shall need customer's approval.

	Unit	mm	Approved	Manager	Checked	Designed
	Scale	/	Y. Ishizawa	T. Tsuchiya	K. Ohi	T. Iwata
	Tolerance					

5. Dimensions (unit:mm)…fig.1

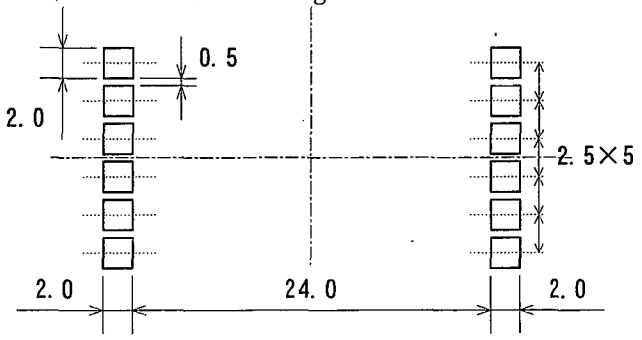


unit : mm
tol : ±0. 1(except specified items)
Holizontai balance level of terminal to be less then 0. 15mm

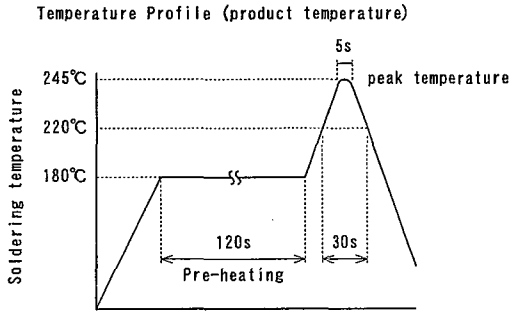
Solder for filter inside
a) coil pert : Eutectic solder (melting point : 183deg.C)
b) Chip devises part : High temperature solder (221deg.C)
c) Lead frame part : High temperature solder (221deg.C)

6. Land dimensions(Reference only) and Reflow soldering conditions

Reflow soldering be possible to 2 times.
(The Reflow soldering in the condition that reversed product is impossible.)



unit : mm

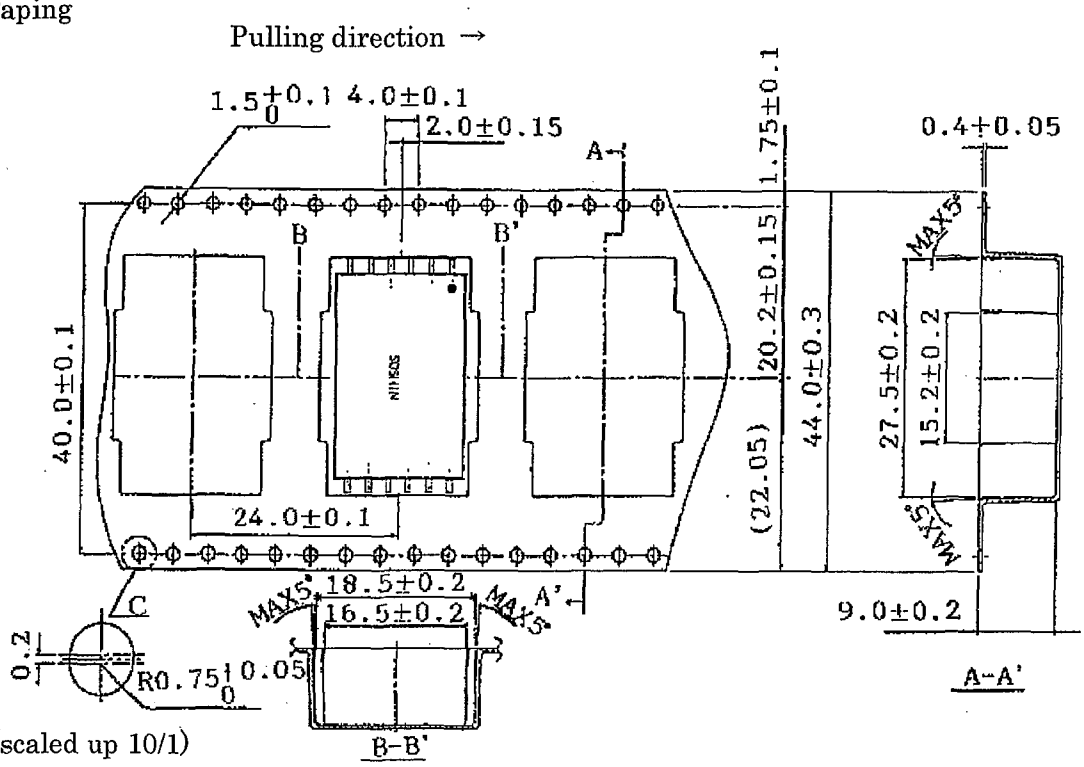


7. Washing

Basically washing shall be avoided. In case of washing, the filter shall be washed below conditions; in Isopropyl Alcohol and 90seconds max. in room temperature.
(Because of non-shielded construction, ultrasonic washing and washing in hydro-pressure cause disconnection and drift of electrical values.)

8. Specification of tape and reel

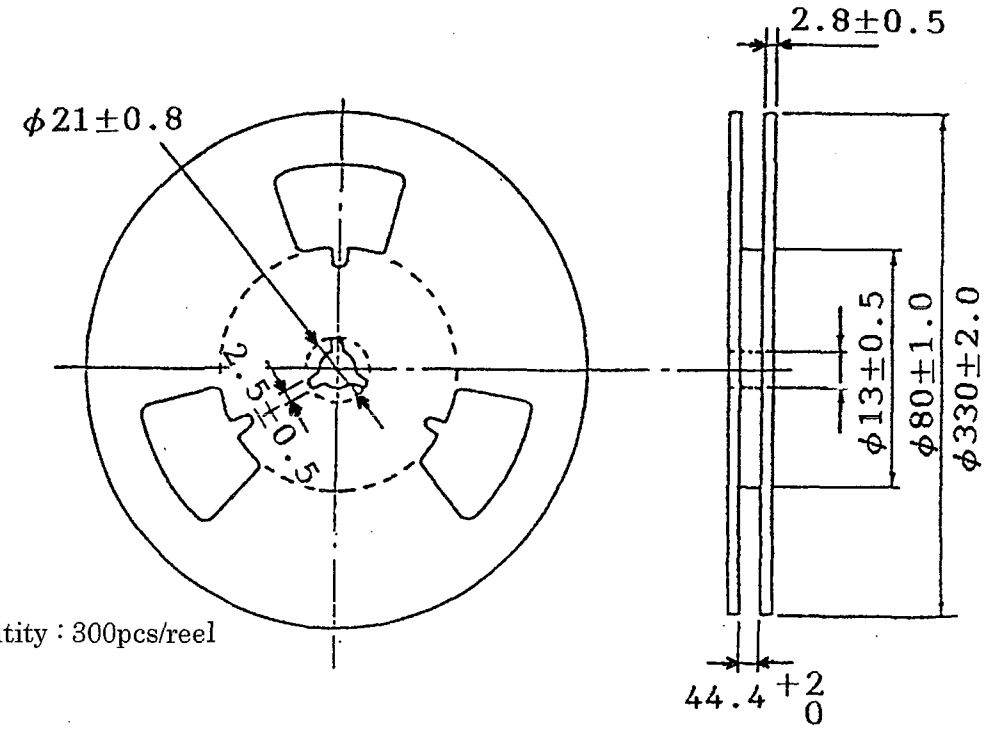
8.1 Taping



C part(scaled up 10/1)

unit : mm

8.2 Reel



Quantity : 300pcs/reel

unit : mm

8.3 Notes

(1)10 empty cavities are in each top-end and bottom-end.
(2)Cover-tape should be more than 1.5 rounds from top-end.