

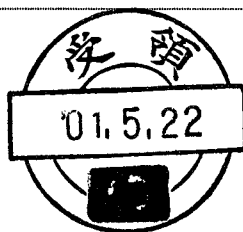
納 入 仕 様 書

アジレント・テクノロジー株式会社

殿

仕様書番号 9135-5617

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いただきます。 ——

双 信 電 機 株 式 会 社

製造本部 浅間工場 材料技術部 FT技術課

技術担当 篠原 広一

営業担当 戸切 雄一

発行年月日 2001年 4月26日

SPECIFICATION			Spec. No:	EYA-3252-B	1/3
	9135-5617		Date :	April 26, 2001	

1. "SOSHIN" Low Pass FILTER "CLP160MHz-3252"

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) | : | 160MHz |
| 2.4 | Pass Band Ripple | : | 0.2dBp-p (0~123MHz) |
| 2.5 | Attenuation | : | 20dB MIN (at 246MHz) |
| | (refer to 100kHz) | | 40dB MIN (308~500MHz) |
| 2.6 | Harmonic Distortion | : | -75dBc MAX (at 20MHz) |
| | | | (Second-order, Third-order) |
| 2.7 | Level | : | 2Vp-p MAX |

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℃ |

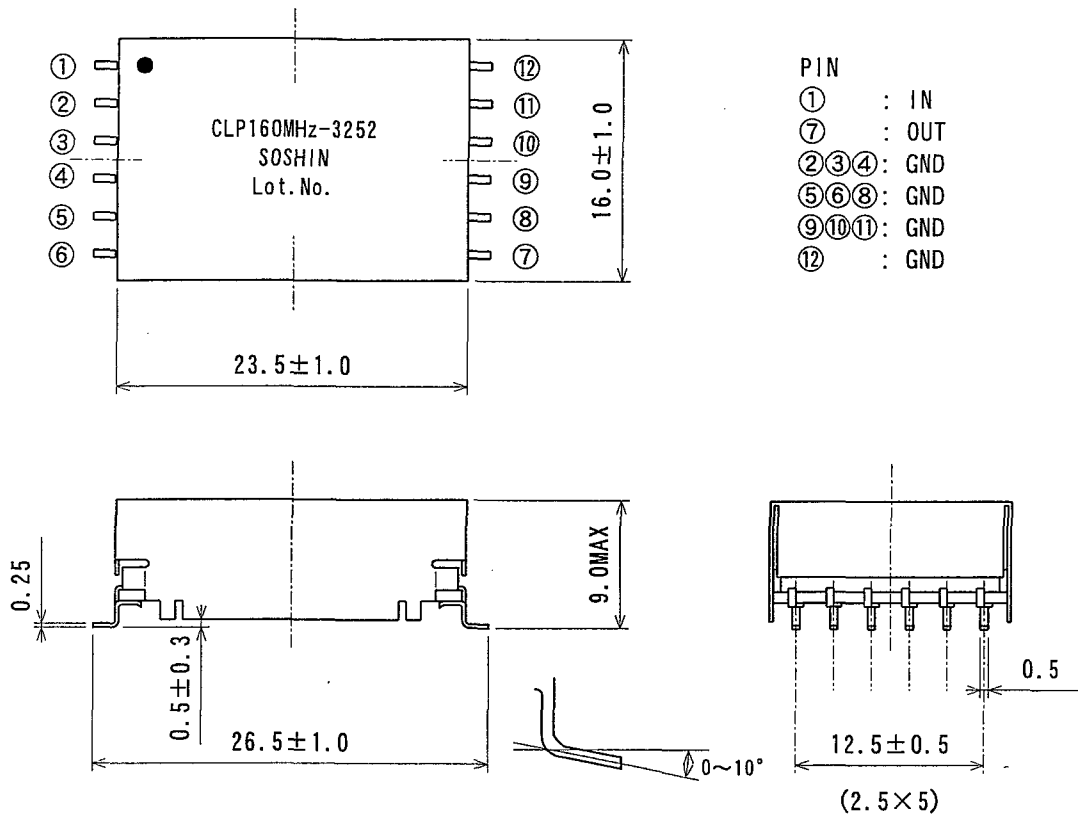
4. Appearance

- | | | | |
|-----|------------|---|--------------------------|
| 4.1 | Dimensions | : | See fig.1 |
| 4.2 | Case | : | SPTE t=0.2 |
| 4.3 | Terminal | : | PBR t=0.25 solder plated |
| 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	/	M. Sakamoto	T. Tsuchiya	K. Ohi	K. Shinohara
	Tolerance					

5. Dimensions (unit:mm)···fig.1



unit : m

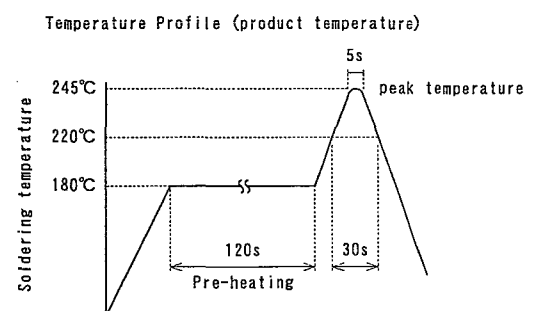
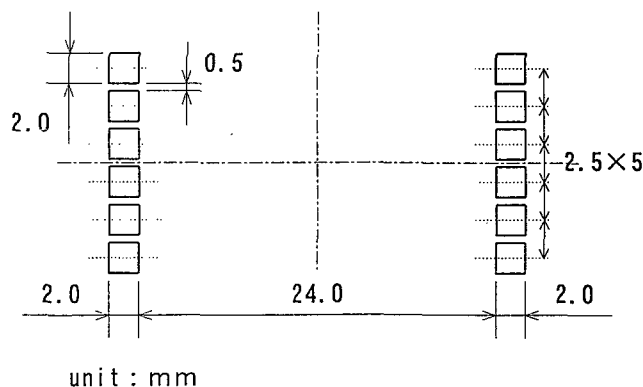
tol^m : ± 0.1 (except specified items)

Horizontal balance level of terminal to be less than 0.15mm

Solder for filter inside

- coil part : Eutectic solder (melting point : 183deg.C)
- Chip devices part : High temperature solder (221deg.C)
- Lead frame part : High temperature solder (221deg.C)

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



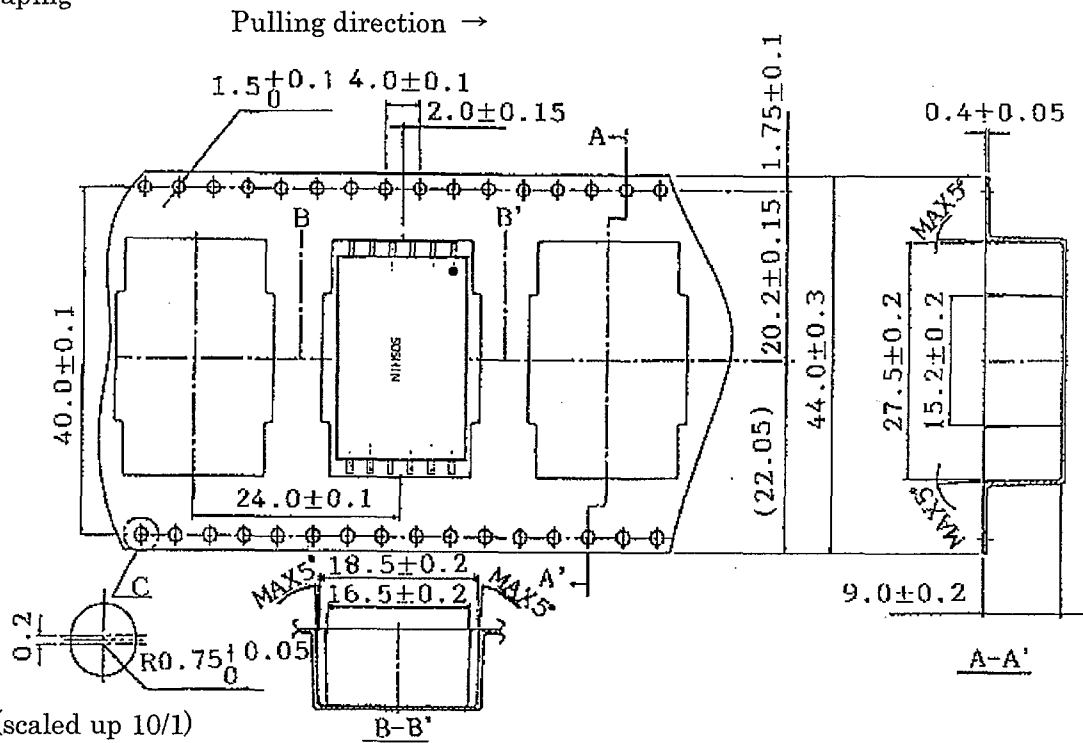
7. Washing

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.

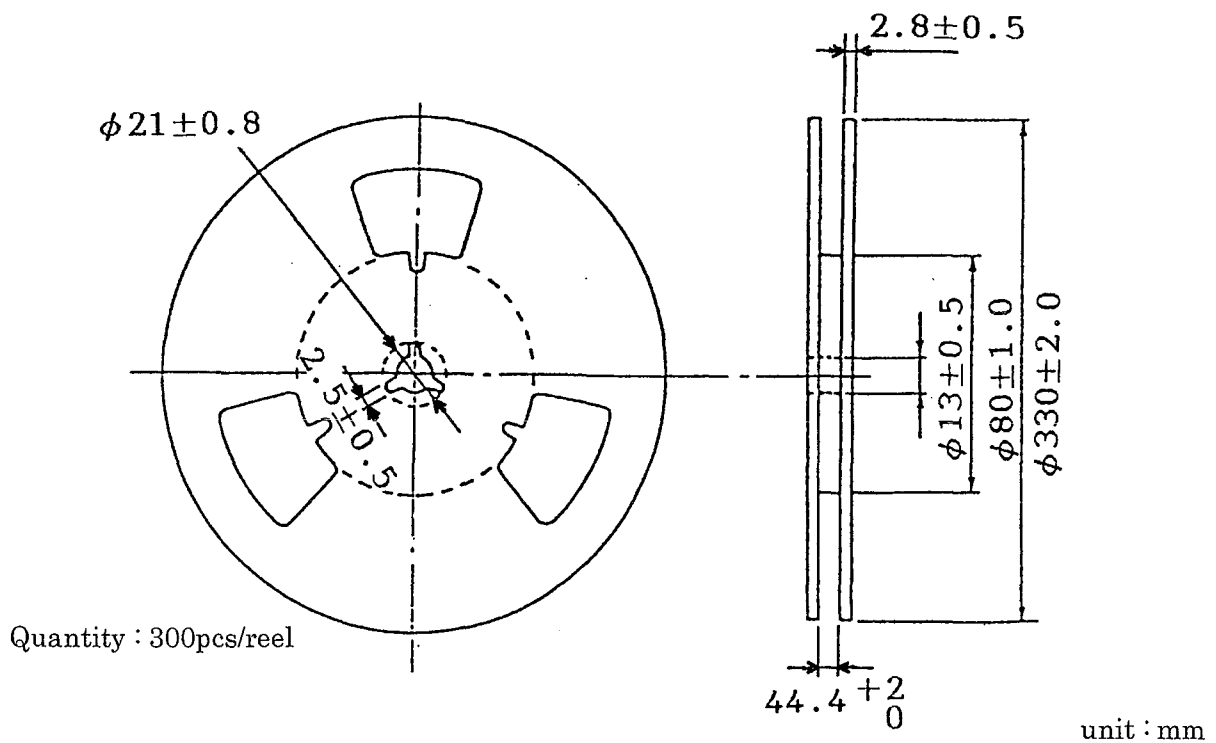
(Because of non-shielded construction, ultrasonic washing and washing in hydro-pressure cause disconnection and drift of electrical values.)

8. Specification of tape and reel

8.1 Taping



8.2 Reel



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.