



Common Mode Filters

For power line

ACM Series



ACM7060

[7.0*6.0*3.5]mm

* Dimensions Code JIS[EIA]

ACM9070

[9.0*7.0*4.5]mm

* Dimensions Code JIS[EIA]

ACM1211

[12.0*11.0*6.0]mm

* Dimensions Code JIS[EIA]

一、特点:

1. 特有方型闭磁路磁芯在保持特性的同时实现小型化, 适用于大电流的片式共模滤波器。
2. 低高度设计, 同时具备较高的共模阻抗, 能够大幅降低噪音。
3. 工作温度范围: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ (包含自我上升温度)

二、用途:

1. 用于应对所有电子设备的电源线噪音。
2. 用于应对笔记本电脑、文字处理机等较大型电子设备的适配器线、电池线的噪音。

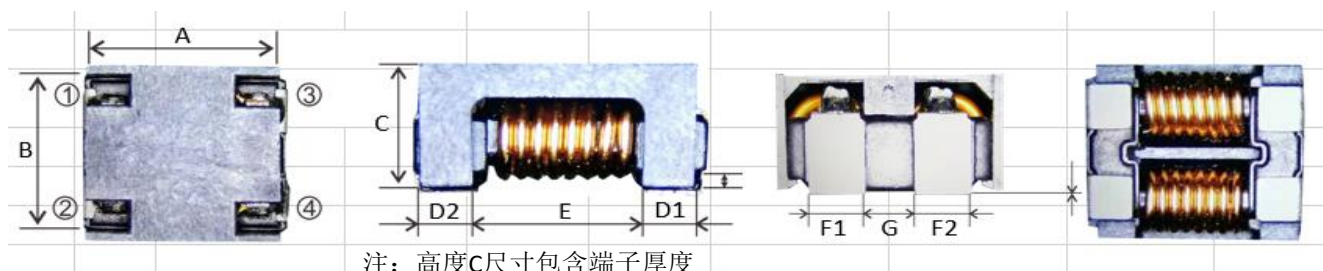
三、型号的命名方法:

FYA	7060	T	-	301	-	PF
系列名称	长(L)*宽(W)*高(H) 7.0*6.0*3.5mm	包装形式		阻抗 (Z)		管理编号

测量设备:

测量项目	型号	厂商	备注
Z(阻抗)、L	IM 7580	HIOKI	
直流电阻	HIOKI 3541	HIOKI	*有时使用同等测量设备
额定电流	4284A+42841A+42842C	Agilent	

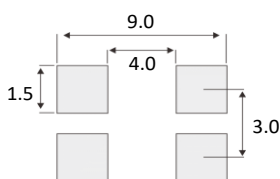
四、形状与尺寸:



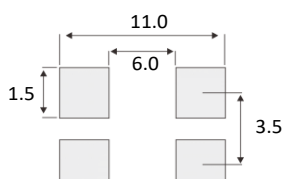
■推荐焊盘布局

尺寸单位(mm)

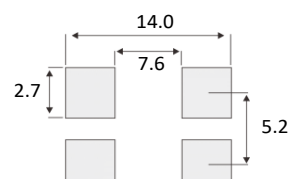
1.ACM7060系列:



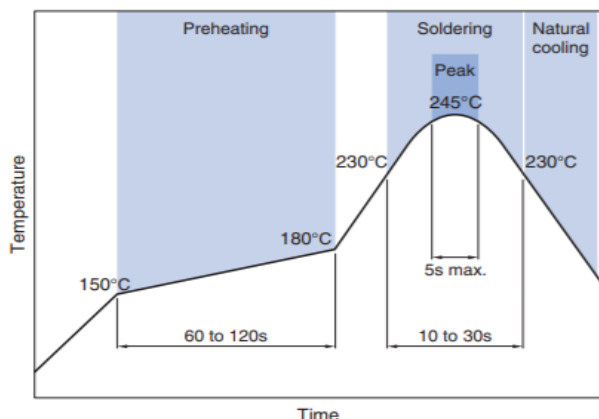
2.ACM9070系列:



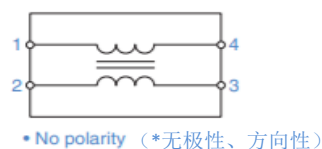
3.ACM1211系列:



■推荐回流焊温度曲线图

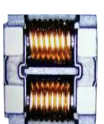
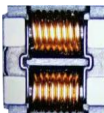


■电路图



- ※适合:
1. 本制品为对应Reflow焊锡制品, 不可使用浸渍式焊锡。
 2. 本制品为ROHS指令对应产品。
 3. RoHS指令对应: EU Directive 2002/95/EC, 不使用该指令中的免除项。
 4. 不适用铅、镉、汞、六价铬及特定卤化系阻燃剂PBB、PBDE。

五、电气特性:

NO	产品照片	品名:	长(L)*宽(W)尺寸	高(H)	共模阻抗 at 100MHZ		直流电阻 (1 line)	※额定电流	※额定电压	※绝缘电阻
					Z(Ω) min	Z(Ω) typ.	(mΩ) max	(A) MAX. 125℃	(V) max.	(mΩ) min.
1		ACM7060T-301-PF	7.0*6.0mm	3.5mm	225	300	10	5.0	80	10
2		ACM7060T-701-PF			500	700	15	4.0	80	10
3		ACM9070T-701-PF	9.0*7.0mm	4.5mm	500	700	10	5.0	80	10
4		ACM9070T-152-PF			1100	1500	16	3.6	80	10
5		ACM1211T-701-PF	12.0*11.0mm	6.0mm	500	700	6	8.0	80	10
6		ACM1211T-102-PF			750	1000	14	6.0	80	10
7		ACM1211T-172-PF			1200	1700	12	4.8	80	10

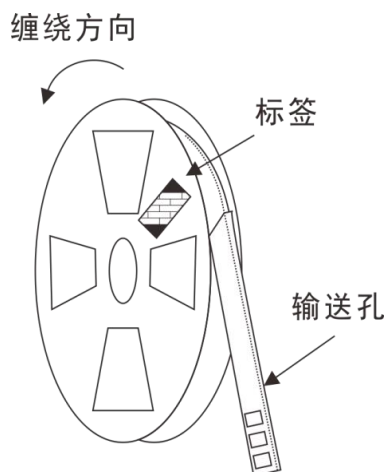
※温度范围:

1. 本产品的工作温度范围不包含自我发热。包括自我发热,可以最大105℃为止的使用。
2. 在 85℃ 环境下的使用期间, 在如表中所示的电流的范围内, 请停止使用。
3. 保存温度范围以固定基板后为准。

六、包装样式及Taping方向：

6-1、上带形状依照包装标准。

6-2、标签粘贴位置



6-3、包装数

1. 标准为：ACM7060T-PF系列1卷轴装1500个。

2. 标准为：ACM9070T-PF系列1卷轴装800个。

3. 标准为：ACM1211T-PF系列1卷轴装500个。

6-4、表示

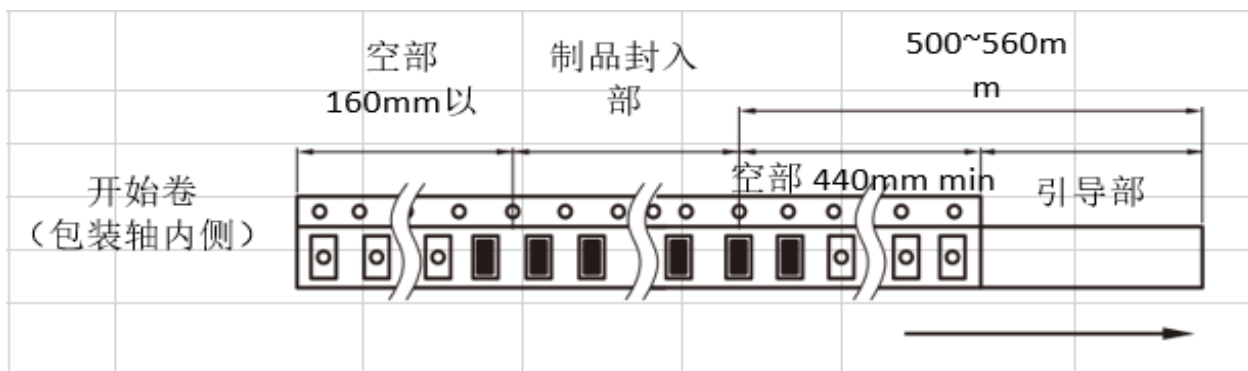
每个包装单位上标识以下点。

- | | |
|---------|-------------|
| 1、客户名 | 4、DCY品名CODE |
| 2、客户品名 | 5、检查NO. |
| 3、DCY品名 | 6、数量 |

6-5、包装形态

制品在运输中的拿取时不可有损伤、变形、变色及性能的恶化发生。

6-6、前端部Tape及终端部Tape (详见包装式样书)



DISCLAIMER

The information provided in this document is for reference only. Shenzhen Dengchen Yi Technology Co., Ltd. reserves the right to change the product specifications displayed herein or otherwise without prior notice in order to improve reliability, functionality or design. The parts not mentioned in the details exist and can be customized and developed.

The products listed here are designed to be used in ordinary electronic equipment or devices, and not designed to be used in equipment or devices with high reliability requirements, whose failure will directly endanger human life safety (such as medical instruments, transportation equipment, aerospace machinery, nuclear reactor controllers, fuel controllers and other safety equipment), DCY or any person on its behalf shall not be liable or liable for any damage resulting from such improper use of the sale.

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, or any information storage or retrieval system, or otherwise, without the prior written permission of Shenzhen Dengchenyi Technology Co., LTD

This publication supersedes all information previously provided. For more information, please visit our website WWW.DCY-CHINA.COM Or consult your nearest DCY sales department.