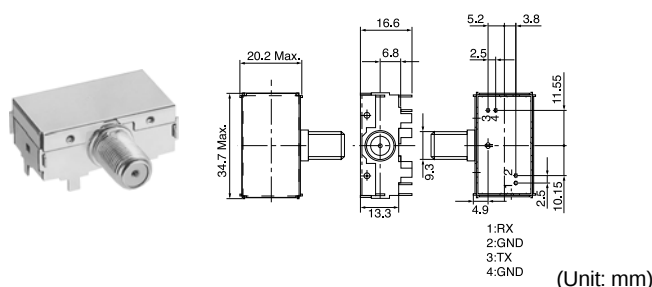
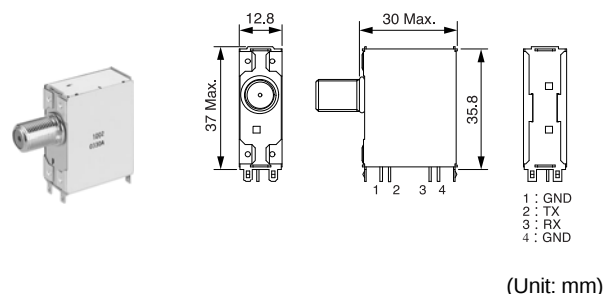


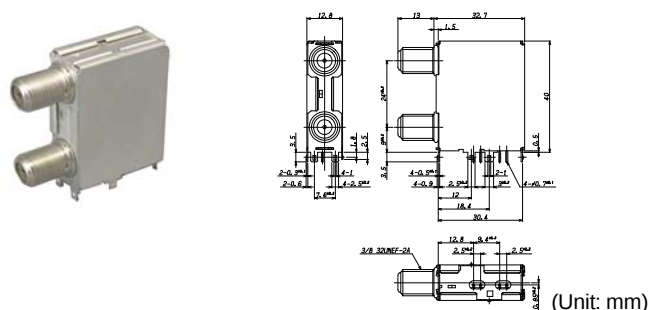
## TYPE DIP1A / DIP1A型



## TYPE DIP1C / DIP1C型



## TYPE DIP1H / DIP1H型



The distributor is built into DIP1H / DIP1H中内置分配器。

## Features

- Diplexer for digital CATV set top box and cable modem.
- Integrated type of Tx and Rx in the shield body with F connector.
- Low-profile : DIP1A, Narrow bottom area : DIP1C and DIP1H
- Connecting F type connector to cable and mounting TX and RX terminals on PCB ensure high performance diplexer.
- DIP1A with IEC61000-4-5 Level 4, UL60950-1 section 7 Lightning surge protection circuit.
- DIP1C with Lightning surge protection.
- DIP1H is a protection circuit of four IEC61000-4-5 level surge, and with built-in distributor.
- Designed to meet DOCSIS2.0, DOCSIS3.0, ANSI/SCTE.
- RoHS compliant

## 特征

- 数字CATV机顶盒和线缆调制解调器用双工器。
- 在带F接头的屏蔽体内集成Tx和Rx。
- 薄型构造: DIP1A, 底部狭窄区域: DIP1C
- 将F型接头连接到电缆上, 并将TX和RX端子安装在PCB上, 以确保双工器的高性能。
- DIP1A带有UL60950-1第7部分规定的IEC6100-4-5四级标准的防雷击保护电路。
- 带有雷电冲击保护的DIP1C。
- DIP1H带有IEC61000-4-5四级标准的保护电路, 内置有分配器。
- 设计符合 DOCSIS2.0, DOCSIS3.0, ANSI/SCTE。
- 符合RoHS指令。

## Applications

- Suitable for designing Open-cable set top box and Cable-Modem for Europe, USA and Asia

## 应用

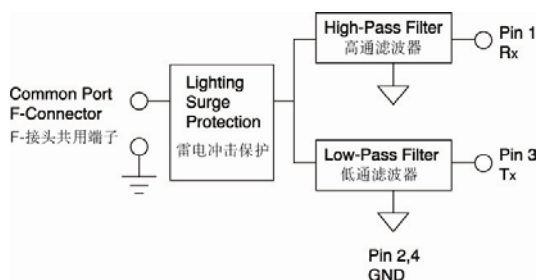
- 适用于为欧洲，美国和日本所用的有线机顶盒和线缆调制解调器。

## Specification 规格

| Location | TOKO Parts.<br>NO. | Region of<br>Applications | Pass-band       |                  | Lightning Surge<br>Protection |
|----------|--------------------|---------------------------|-----------------|------------------|-------------------------------|
|          |                    |                           | Low Pass Filter | High Pass Filter |                               |
| USA      | #R975ACITN-1140    | DIP1A                     | 5-42(MHz)       | 88-860(MHz)      | IEC61000-4-5 Level4           |
|          | #R975ACITN-1141    | DIP1A                     | 5-42(MHz)       | 54-860(MHz)      | IEC61000-4-5 Level4           |
|          | #R975ABITN-1132*   | DIP1A                     | 5-42(MHz)       | 88-860(MHz)      | UL60950-1                     |
|          | #R975ABITN-1133*   | DIP1A                     | 5-42(MHz)       | 54-860(MHz)      | UL60950-1                     |
|          | R1020AAHPA-1006    | DIP1C                     | 5-42(MHz)       | 54-860(MHz)      | IEC61000 2kv                  |
|          | #R975ACITN-1180    | DIP1A                     | 5-42(MHz)       | 54-1002(MHz)     | IEC61000-4-5 Level4           |
|          | #R975ACITN-1183    | DIP1A                     | 5-85(MHz)       | 108-1002(MHz)    | IEC61000-4-5 Level4           |
| Euro     | #R975ACJVN-1142    | DIP1A                     | 5-65(MHz)       | 108-860(MHz)     | IEC61000-4-5 Level4           |
|          | #R975ABJVN-1134*   | DIP1A                     | 5-65(MHz)       | 108-860(MHz)     | UL60950-1                     |
|          | #R975CJVN-1181     | DIP1A                     | 5-65(MHz)       | 88-1002(MHz)     | IEC61000-4-5 Level4           |
| JAPAN    | #R975ACITN-1143    | DIP1A                     | 5-55(MHz)       | 90-860(MHz)      | IEC61000-4-5 Level4           |
|          | #R975ABITN-1135*   | DIP1A                     | 5-55(MHz)       | 90-860(MHz)      | UL60950-1                     |
|          | R1086ACITN-1001    | DIP1H                     | 5-55(MHz)       | 90-860(MHz)      | IEC61000-4-5 Level4           |

\*Compliant to ANSI/SCTE IPS SP 406 R6 6.1 Physical Dimensions only / 仅符合ANSI/SCTE IPS SP 406 R6 6.1物理尺寸。

### Schematic 框图

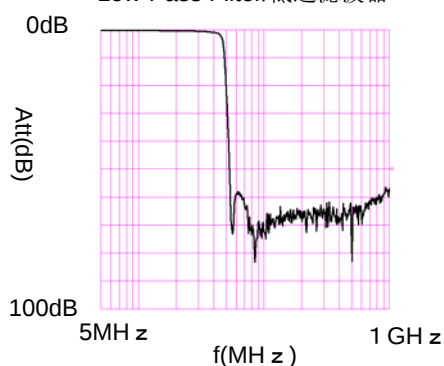


### Frequency Characteristics 频率特性

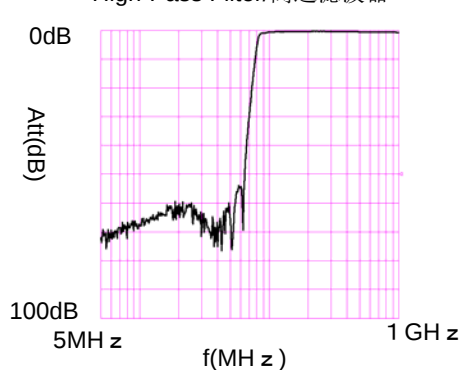
#### Typical Characteristic 典型特性

##### DIP1A type / DIP1A型 (P/N : #R975ACITN-1140)

###### Low-Pass Filter/低通滤波器

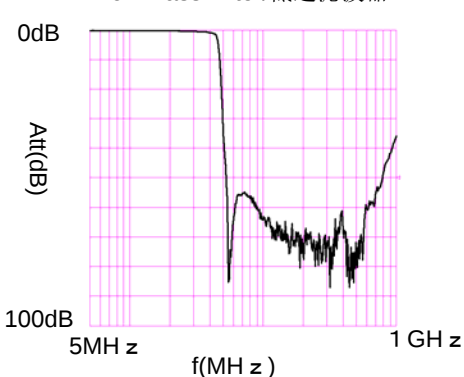


###### High-Pass Filter/高通滤波器

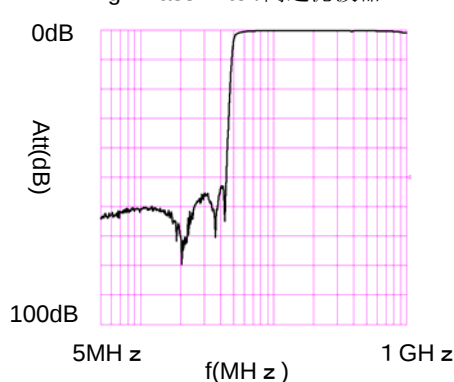


##### DIP1C type / DIP1C型 (R1020AAHPA-1006)

###### Low-Pass Filter/低通滤波器

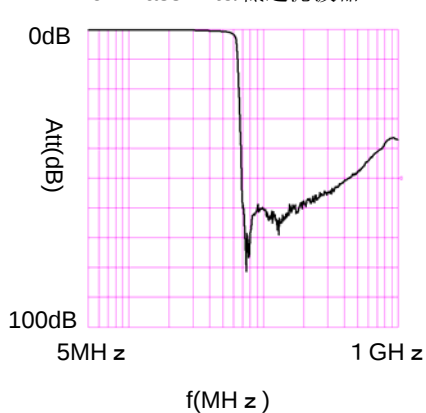


###### High-Pass Filter/高通滤波器

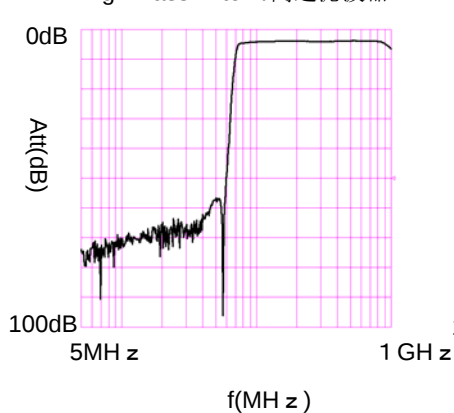


##### DIP1H type / DIP1H型 (R1086ACITN-1001)

###### Low-Pass Filter/低通滤波器



###### High-Pass Filter1/高通滤波器1



###### High-Pass Filter2/高通滤波器2

