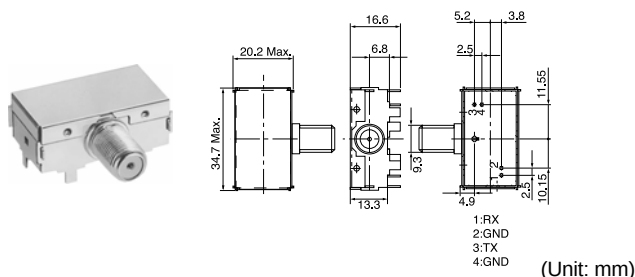
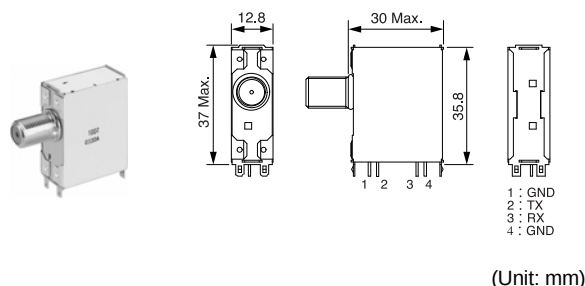


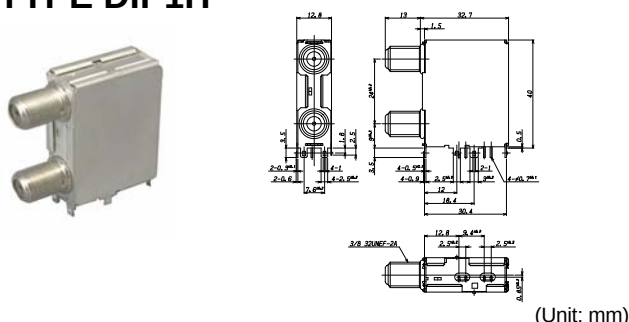
TYPE DIP1A



TYPE DIP1C



TYPE DIP1H



The distributor is built into DIP1H 分配器内蔵

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

Applications

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

特 長

- デジタルCATVセットトップボックス用及びケーブルモデム用ダイプレクサ
- 金属シールドで覆われたF型コネクタ付きTx・Rx一体型構造
- 横型低背のDIP1Aタイプ、縦型省実装面積のDIP1C、DIP1Hタイプをラインナップ
- ケーブル接続用F型コネクタを組み込むことにより、TX、RX端子を基板上で接続するだけで高性能なダイプレクサが実現可能
- DIP1AにはIEC61000-4-5 レベル4, UL60950-1 section 7 対応サージ保護回路実装
- DIP1Cには雷サージ保護素子実装
- DIP1HはIEC61000-4-5 レベル4 サージ保護回路、分配器内蔵
- DOCSIS2.0, DOCSIS3.0, ANSI/SCTE対応
- RoHS 指令対応

用途

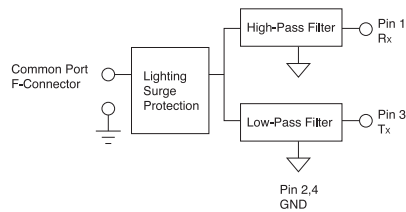
- 欧米、アジア地域のオープンケーブル仕様向けセットトップボックス、ケーブルモデムに最適

Specifications 仕様

Location	TOKO Parts. NO.	Region of Applications	Pass-band		Lightning Surge Protection
			Low Pass Filter	High Pass Filter	
USA	#R975ABITN-1140A	DIP1A	5-42(MHz)	88-860(MHz)	IEC61000-4-5 Level4
	#R975ABITN-1141A	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
	#R975ABITN-1180A	DIP1A	5-42(MHz)	54-1002(MHz)	IEC61000-4-5 Level4
	#R975ABITN-1183A	DIP1A	5-85(MHz)	108-1002(MHz)	IEC61000-4-5 Level4
Euro	#R975ABJVN-1142A	DIP1A	5-65(MHz)	108-860(MHz)	IEC61000-4-5 Level4
	#R975ABJVN-1134*	DIP1A	5-65(MHz)	108-860(MHz)	UL60950-1
	#R975ABJVN-1181A	DIP1A	5-65(MHz)	88-1002(MHz)	IEC61000-4-5 Level4
JAPAN	#R975ABITN-1143A	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

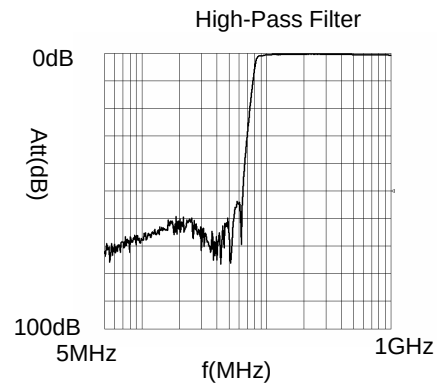
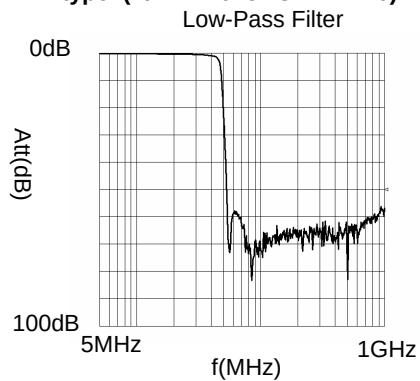
* Compliant to ANSI/SCTE IPS SP 406 R6 6.1 Physical Dimensions only

Schematic 概要

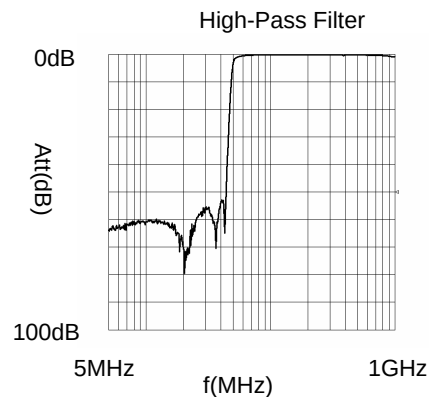
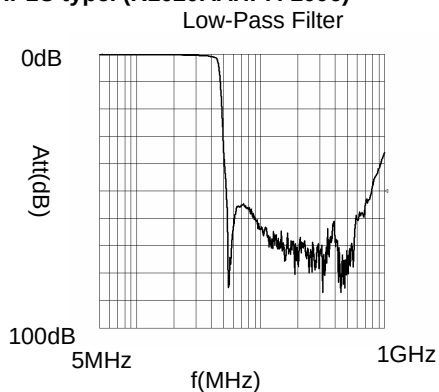


Frequency Characteristics 周波数特性

Typical Characteristic 代表特性例
DIP1A type. (P/N : #R975ACITN-1140)



DIP1C type. (R1020AAHPA-1006)



DIP1H type. (R1086ACITN-1001)

