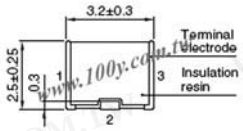
PCB Used EMI/EMC Filters

Detailed product specifications are available on: us. 100y. com. tw



FEATURES

- The ACF series are T-type EMC filters incorporating ferrite chip beads and multilayer ceramic chip capacitors.
- The external structure consists entirely of ferrite, enabling these parts to achieve superior attenuation characteristics despite their extremely compact dimensions.
- Because they can be mounted on edge, the ACF series are ideal for high-density circuit configurations.
- Available for reflow soldering.

TEMPERATURE RANGES

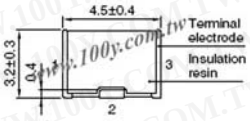
Operating: -25 to +85°C

PACKAGING STYLE AND QUANTITIES

Packaging style: Quantity

Taping: 1000 pieces/reel

Part No.	Product No.	Manufacturer	Description	Rated Volt.	1~3Pin current
41076	ACF321825-103-T	TDK			
41074	ACF321825-223-T	TDK			
41077	ACF321825-682-T	TDK	3-Terminal Filter for Signal Line and DC Power Line	20A	300mA



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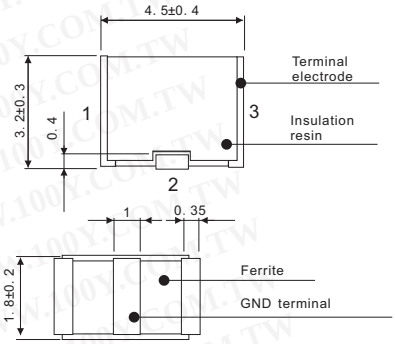

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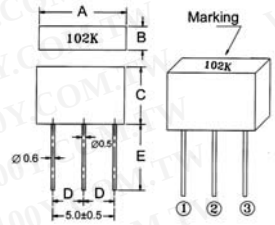
Part No.	Product No.	Manufacturer	Description	Rated Volt.	1~3Pin current
41072	ACF451832-153-T	TDK			
41071	ACF451832-333-T	TDK	3-Terminal Filter for Signal Line and DC Power Line	50V	300mA
41073	ACF451832-472-T	TDK	3-Terminal Filter for Signal Line and DC Power Line	50V	300mA



A	B	C	D	E
7. 3Max(mm)	2. 5Max(mm)	7. 0Max(mm)	2. 5Max(mm)	8. 0Max(mm)

Applications

EMI Filters are network components. It serves an excellent countermeasures against electromagnetic iterance (EMI) and provide high attenuation over a wide band frequency from 5 to 1000MHz.

Features

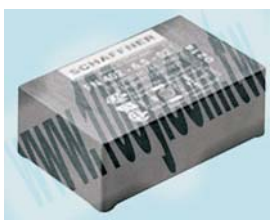
Filters for the capacitance range at 10 to 100,000 pF are also available, please consult "JANTEK" details.

Operating temperature range : -25°C ~+85°C

Rated voltage : 50VDC

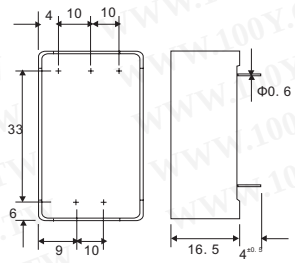
Insulation resistance : 5,000 MΩ min

Part No.	Product No.	Description	Rated Volt.	Cap. (pF)	1~3Pin current
1766	BC-101K-B	EMI Filter	50 V	100	6Amax
1762	BC-102K-B	EMI Filter	50 V	1000	6Amax
1764	BC-103M-B	EMI Filter	50 V	10000	6Amax
1765	BC-104Z-B	EMI Filter	50V	100000	6Amax
13503	BC-223M-B	EMI Filter	50 V	22000	6Amax
47917	BC-271K-B	EMI Filter	50 V	270	6Amax



Technical specifications

Maximum continuous operating voltage:	250VAC, 50/60Hz
Operating frequency:	dc to 400Hz
Rated currents:	0.5 to 6.5A @ 40°C max.
High potential test voltage:	P –> E 2000VAC for 2 sec (standard types) P –> E 2500VAC for 2 sec (B types) P –> N 760VAC for 2 sec
Temperature range (operation and storage):	-25°C to +100°C (25/100/21)
Design corresponding to:	UL 1283, CSA 22.2 No. 8 1986, EN 60939
Flammability corresponding to:	UL 94V-2 or better
MTBF @ 40°C/230V (Mil-HB-217F):	1,900,000 hours



Part No.	Product No.	Manufacturer	Description	Rated Volt.	Cap. (pF)	1~3Pin current
49716	FN402-1/02	Schaffner	Low Cost PCB filter	250Vac	2200	1A
49717	FN402-2.5/02	Schaffner	Low Cost PCB filter	250Vac	2200	2.5A

TEL: Taiwan: 886-3-5753170
FAX: Taiwan: 886-3-5753172
E-mail: Taiwan: us_ sale@100y.com.tw
Shenzhen: 86-755-83298787
Shenzhen: 86-755-83640655
Shenzhen: 100y@163. com
Shanghai: 86-21-54151736
Shanghai: 86-21-64605107
Shanghai: 100y-1@163. com