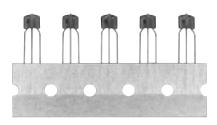
## Panasonic

Type: **EXCEMT** 

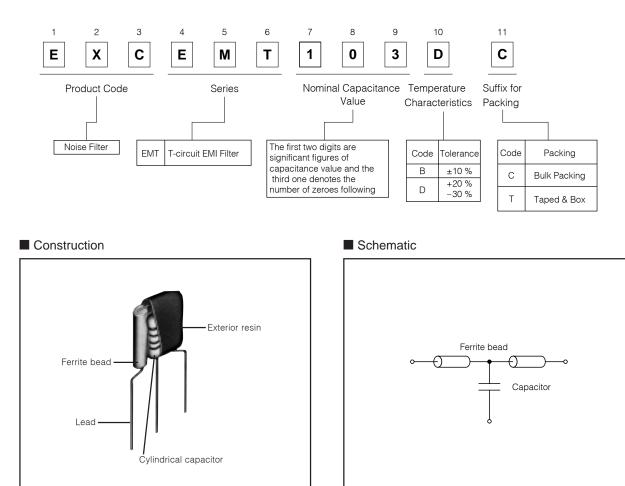


## Features

- Small in size and taped type is available
- Excellent noise filtering characteristics using T-network connections.
- Preformed leads provide better solderability for through-hole P.W.B.

#### Recommended Applications

- Digital equipment Personal Computers,Word Processors, Printers, HDD, PPC, and Communication equipment
- Digital audio and Video equipment
- AC adapters and Switching Power supplies
- Engine controls, Panels and Audio systems
- Electronic musical instruments and other digital devices



Design, Specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use. Whenever a doubt about safety arises from this product, please inform us immediately for technical consultation without fail.

## Explanation of Part Numbers

## EMI Filters

Ratings
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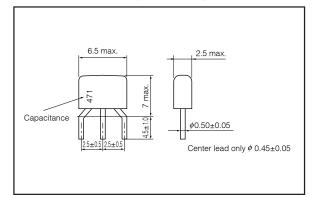
Category Temperature Range (Operating Temp. Range): -25 °C to +85 °C

					-		
Part Number	Rated Voltage (V DC)	Capacitance (pF)	Tolerance (%)	Temperature Characteristics	Rated Current (A DC)	25 dB Attenuation Frequency (MHz)	15 dB Attenuation Frequency (MHz)
EXCEMT220B	50	22	±20	YB	5	800 to 1000	600 to 1000
EXCEMT470B	50	47	±20	YB	5	450 to 700	400 to 1000
EXCEMT101B	50	100	±20	YB	5	350 to 550	250 to 900
EXCEMT221B	50	220	±20	YB	5	250 to 400	150 to 500
EXCEMT271B	50	270	±20	YB	5	250 to 400	150 to 500
EXCEMT471B	50	470	±20	YB	5	150 to 350	70 to 500
EXCEMT102B	50	1000	±20	YB	5	100 to 250	50 to 400
EXCEMT222D	16	2200	±20	YD	5	50 to 200	30 to 400
EXCEMT332D	16	3300	±20	YD	5	40 to 160	25 to 400
EXCEMT103D	16	10000	±30	YD	5	25 to 120	15 to 400
^							

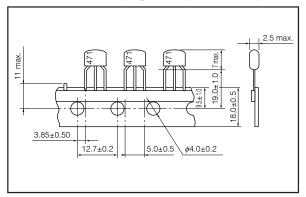
Characterization Chara

YB: Maximum capacitance change is ±10 % over the temperature range of -25 °C to +85 °C in reference to +20 °C YD: Maximum capacitance change is +20, -30 % over the temperature range of -25 °C to +85 °C in reference to +20 °C (2) Temperature Characteristics (3) Measurement Temperature: +20 °C Note: Please inquire to the particular capacitance value, on a range of 22 to 10000 pF.

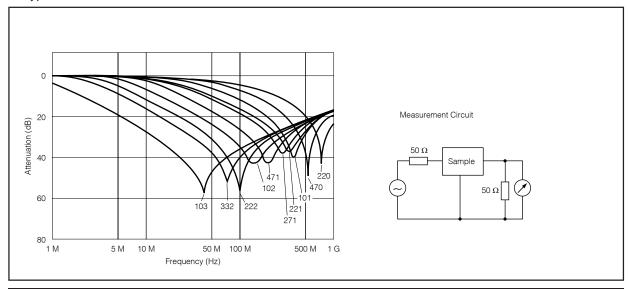
Dimensions in mm (not to scale)



Standard Lead Taping in mm (not to scale)



### Typical Attenuation Characteristics



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# Panasonic

### Packaging Specifications

Part Number	Standard Quantity	Style	Weight (mg/pcs.)	
EXCEMT	200 pcs./Bag	Bulk	216	
EXCEMT	2000 pcs./Box	Flat box	291	

## Safety Precautions

- The filter may fail in a short-circuit mode (or open-circuit mode) when subjected to severe conditions of electrical and/or environmental stresses beyond their specified rating. Burnout or glowing may result in the worst case.
- Soldering Flux: Use rosin type or nonhalogen type flux.
- Cleaning Solvent: Use alcohol based solution. Consult with us before using any other type of cleaning agent.
- Avoid contact with static electricity.
- Filter characteristics may deteriorate if subjected to surge or other abnormal voltage.
- Excessive mechanical stress may damage the components. Handle with care.
- Store under temperatures ranging from -5 °C to +40 °C and relative humidity from 40 % to 60 %. Avoid rapid changes of temperature and humidity.
- Use the components within one year of delivery.
- Before ordering, test sample components in your application to ensure proper function and compatibility.