




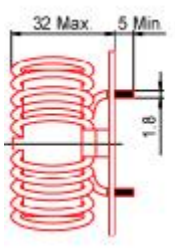
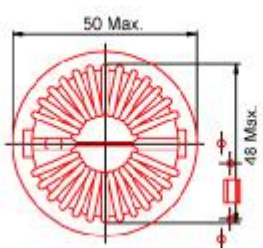
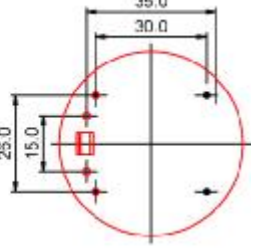

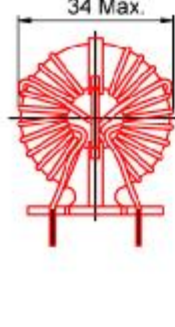
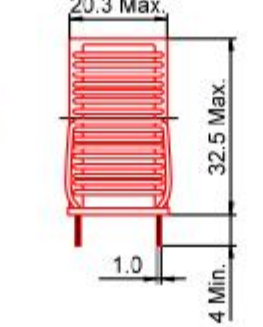
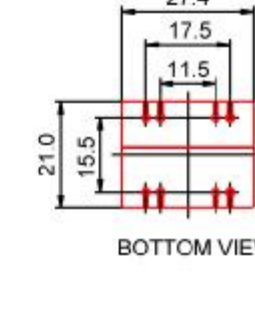

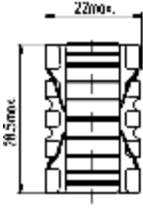
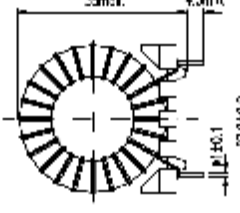
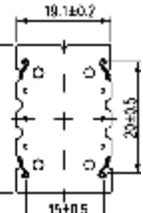

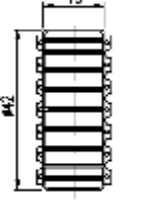
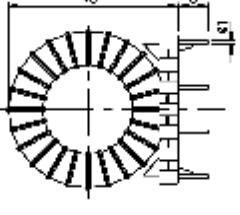
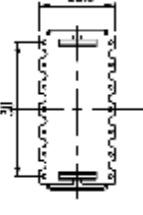

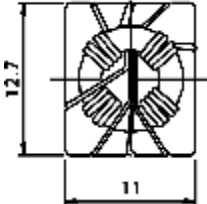
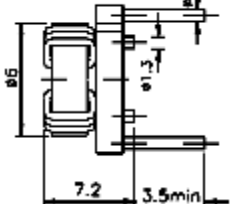
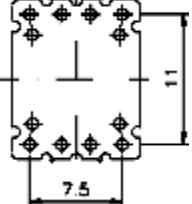
# TOROID COILS

## FEATURES

- I Enables you to make compact dummy choke coils for greater efficiency.
- I Less power loss and minimum thermal effect to peripheral components.
- I Perfectly matched to power supplies where average power and peak power differ greatly, with magnetic saturation kept minimum.
- I Low radiation noise based on its toroidal construction.
- I Various materials can meet with a wide range of frequency requirement.


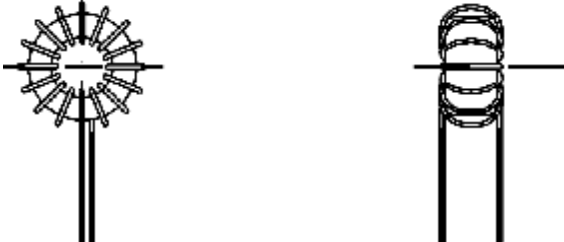

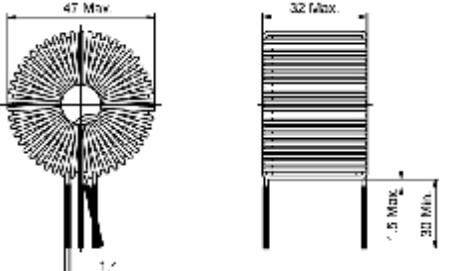

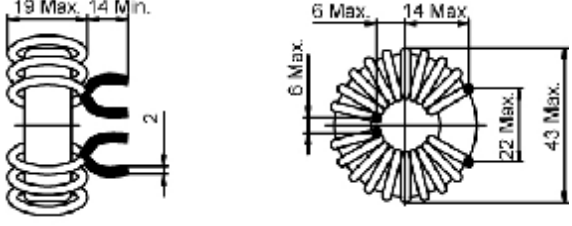

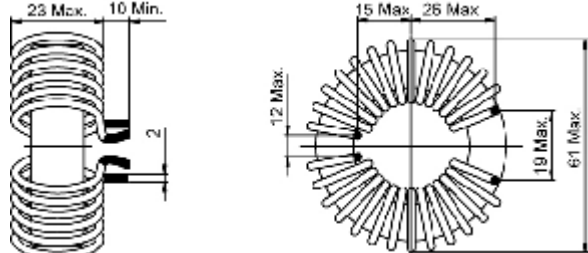

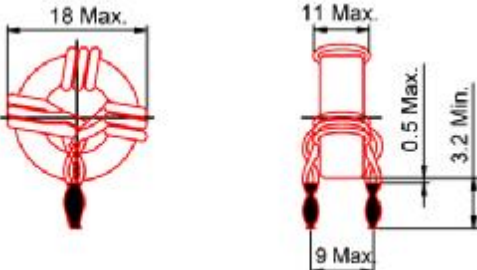

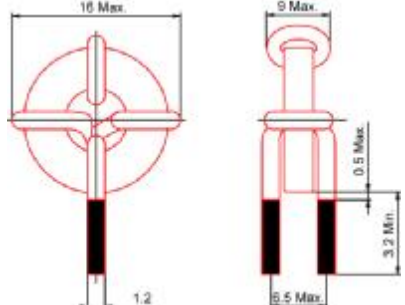
## APPLICATIONS

- I Computers, Power supply, EMI/RFI Suppression and Wideband choke coils.

MODEL	DIMENSION (mm)		
<b>RB54</b> 			
<b>RBPF</b> 			 <p style="text-align: center;">BOTTOM VIEW</p>
<b>T251015B08</b> 			
<b>T381121B07-1</b> 			
<b>RB (with base)</b> 			



# TOROID COILS

MODEL	DIMENSIONS (mm)	
<b>RI</b> 		
<b>RI38</b> 		
<b>RIXG</b> 		
<b>RI50</b> 		
<b>RIC7</b> 		
<b>RI194</b> 		

※ Specifications other than the above will be furnished upon request.



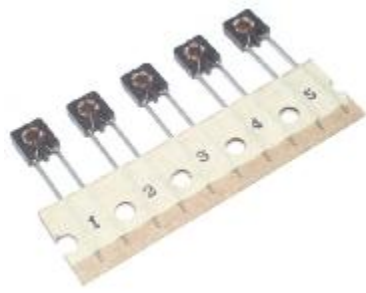
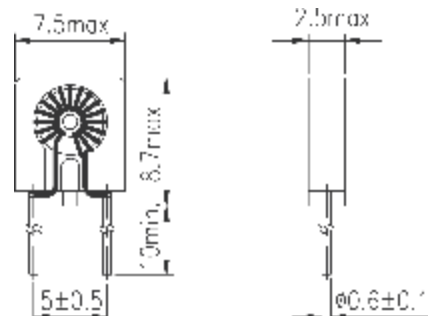
# TOROID COILS

## FEATURES

- I Use of high loss ferrite materials for excellent high frequency noise absorption.
- ▶ High impedance for normal mode applications.
- ▶ Enable common-mode noise suppression without interfering video signal.
- I This available in taping for automatic insertion.

## APPLICATIONS

- I Absorption of high frequency noise from digital equipment data lines.
- I Countermeasures against radiated noise in personal computers, word processors etc.
- ▶ Countermeasures against output noise of switching power supplies and switching AC adapters.
- ▶ Countermeasures against common-mode noise at Composite video signals.

MODEL	DIMENSION (mm)
<b>RM77</b> 	

## Specification Table of Toroid of RM77

Model No.	Inductance(μH) (1kHz/5mA) typ.	Impedance  Z (Ω) at 23°C 100MHz typ.	Rated current (mA) typ.	Dc resistance (mΩ) typ.	Material	Wire $\phi$ (mm)	Turns
RM77—854712	5	320	2600	18	CH3B	0.25	6½ Ts
RM77—854713	10	620	2000	25			9½ Ts
RM77—854714	40	1640	1400	40		0.23	15½Ts
RM77—854715	60	1700	1300	44			16½Ts

Test instrument : HP-4284A and HP-4395A

Tape size : JIS standard

Operating temperature : -25°C to +70°C

Taping is available for automatic inserting.

Different ferrite materials are used to meet with special requirement.

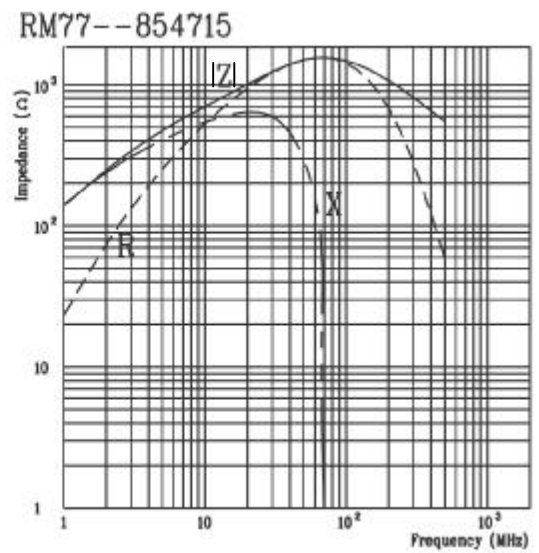
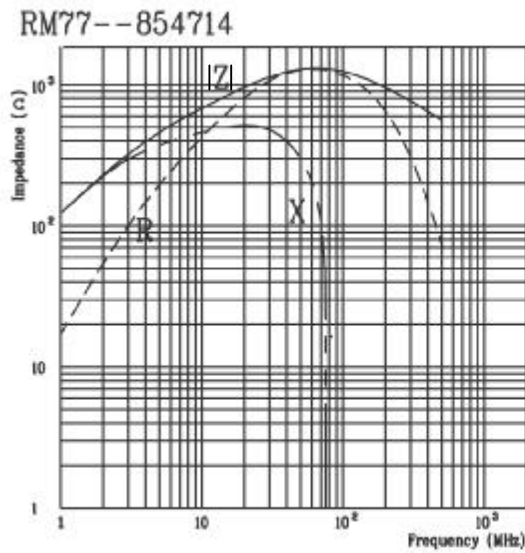
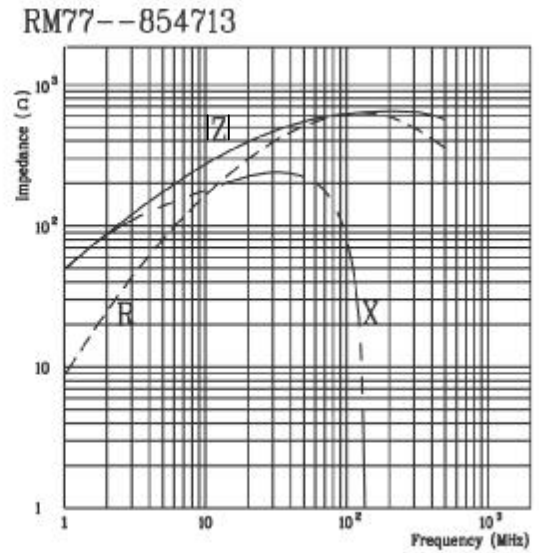
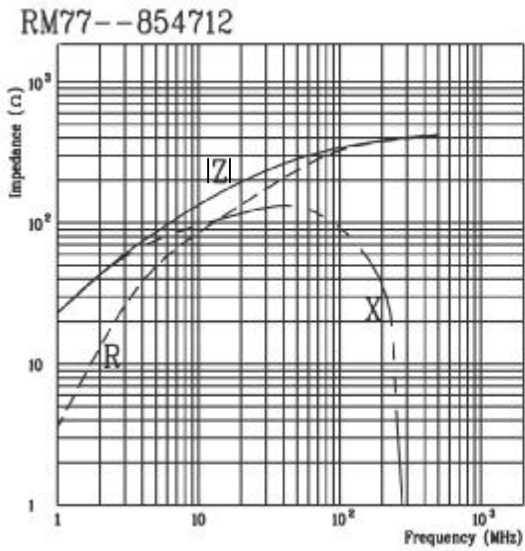
※Specifications other than the above will be furnished upon request.



# TOROID COILS

## IMPEDANCE VS FREQUENCY CHARACTERISTICS OF RM77

TYPICAL ELECTRICAL CHARACTERISTICS  
 $|Z|$ , R, X vs. FREQUENCY CHARACTERISTICS



※Specifications other than the above will be furnished upon request.




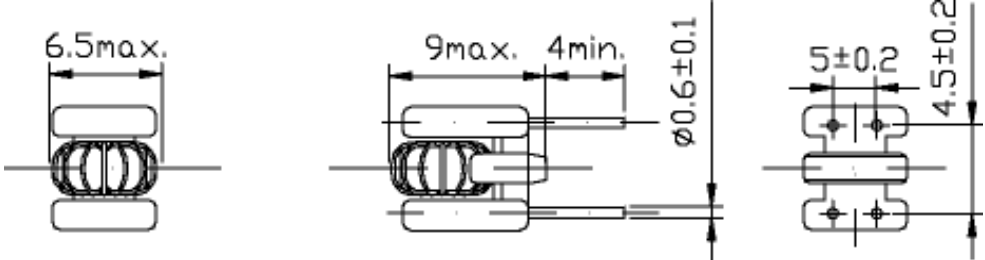
# TOROID COILS

## FEATURES

- I Adopting high-performance ferrite materials for excellent high frequency noise absorption.
- I High impedance for normal mode applications.
- I Enable common-mode noise suppression without interfering video signal.

## APPLICATIONS

- I Absorb high frequency noise from personal computers, word processors etc.
- I Countermeasures against output noise of switching.
- I Power supplies and switching AC adapters.
- I Countermeasures against common-mode noise at composite video signals.

Model	Dimension (mm)
<b>RB42</b> 	

## Specification Table of EMI Filters of RM42

Model No.	Inductance( $\mu$ H) (1kHz/5mA) typ.	Impedance $ Z (W)$ at23°C 100MHz typ.	Rated current (mA) typ.	Dc resistance (m $\Omega$ ) typ.	Material	Wire(mm)	Turns
RB42—854716	10	650	2300	24	CH3B	0.25	6½ Ts
RB42—854717	40	1370	1900	40			11½Ts
RB42—854718	60	1430	1500	52		0.23	13½Ts
RB42—854719	80	1460	1200	70			15½Ts

Test instrument : HP-4284A and HP-4395A  
 Rated voltage : 50V  
 Test voltage : 200VDC for one minute between lines  
 Insulation resistance : more than 10M $\Omega$  (100VDC, between lines)  
 Operating temperature: -25°C to +70°C  
 Different ferrite materials are available

※Specifications other than the above will be furnished upon request.

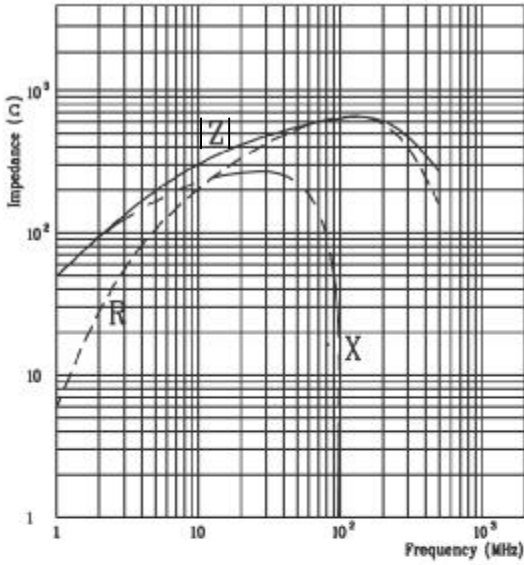


# TOROID COILS

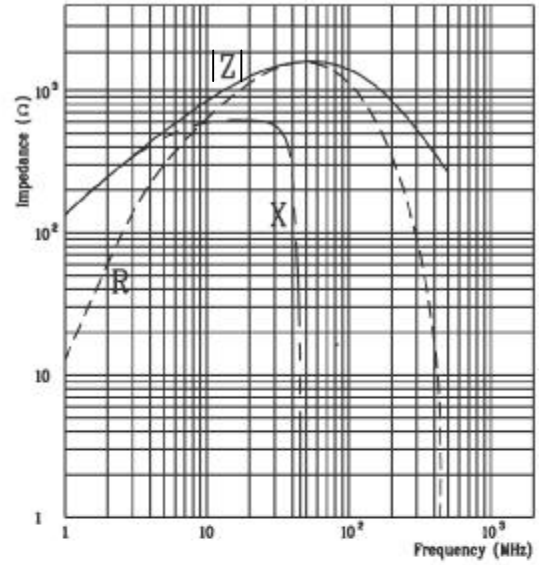
## IMPEDANCE VS FREQUENCY CHARACTERISTICS OF RM42

TYPICAL ELECTRICAL CHARACTERISTICS  
 $|Z|$ , R, X vs. FREQUENCY CHARACTERISTICS

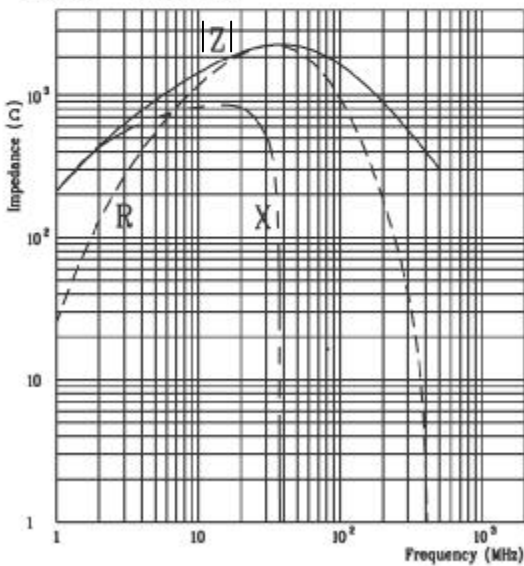
RB42--854716



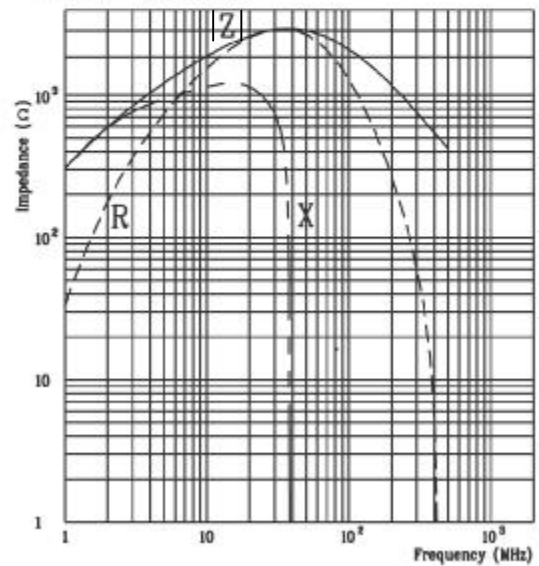
RB42--854717



RB42--854718



RB42--854719



※Specifications other than the above will be furnished upon request.