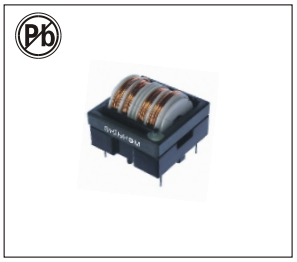
COMMON MODE POWER LINE CHOKE

ET2018H SERIES



FEATURES:

- Closed rectanqular ferrite core
- 2 section winding for excellent high frequency performance
- 1% stray inductance for symmetrical interference suppression

APPLICATIONS:

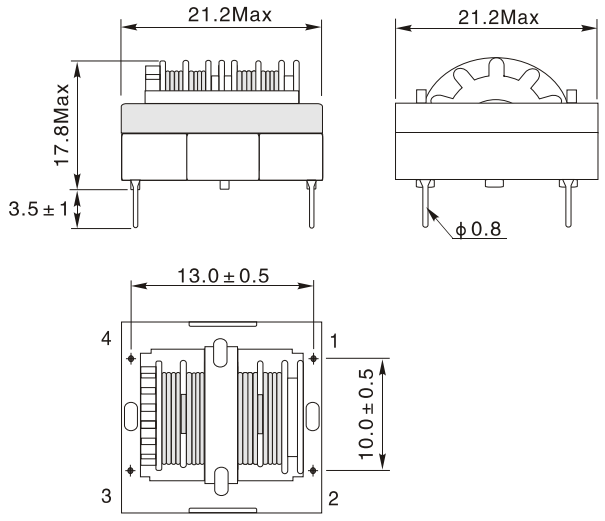
- Switch mode power supplies
- Suppression of common mode noise
- Compact switch mode power supplies
- Electronic ballast applications(LED bulb)
- Lighting

ELECTRICAL CHARACTERISTICS:

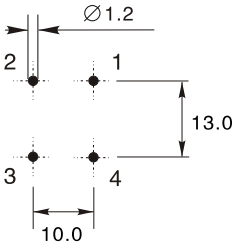
Part Number	L (mH)Min	Rated Current (A)	RDC max. (Ω)
ET2018H–821Y	0.82	2.0	0.065
ET2018H–182Y	1.8	1.5	0.15
ET2018H–272Y	2.7	1.2	0.225
ET2018H–332Y	3.3	1.1	0.25
ET2018H–392Y	3.9	1.0	0.25
ET2018H–562Y	5.6	0.8	0.4
ET2018H–682Y	6.8	0.8	0.48
ET2018H–103Y	10	0.6	0.72
ET2018H–183Y	18	0.5	1.17
ET2018H–223Y	22	0.4	1.6
ET2018H–333Y	33	0.3	2.0

PHYSICAL CHARACTERISTICS:

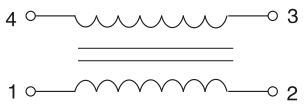
Dimensions 1



Hole pattern(in mm)



Winding



Notes:

Rated voltage.....250Vac

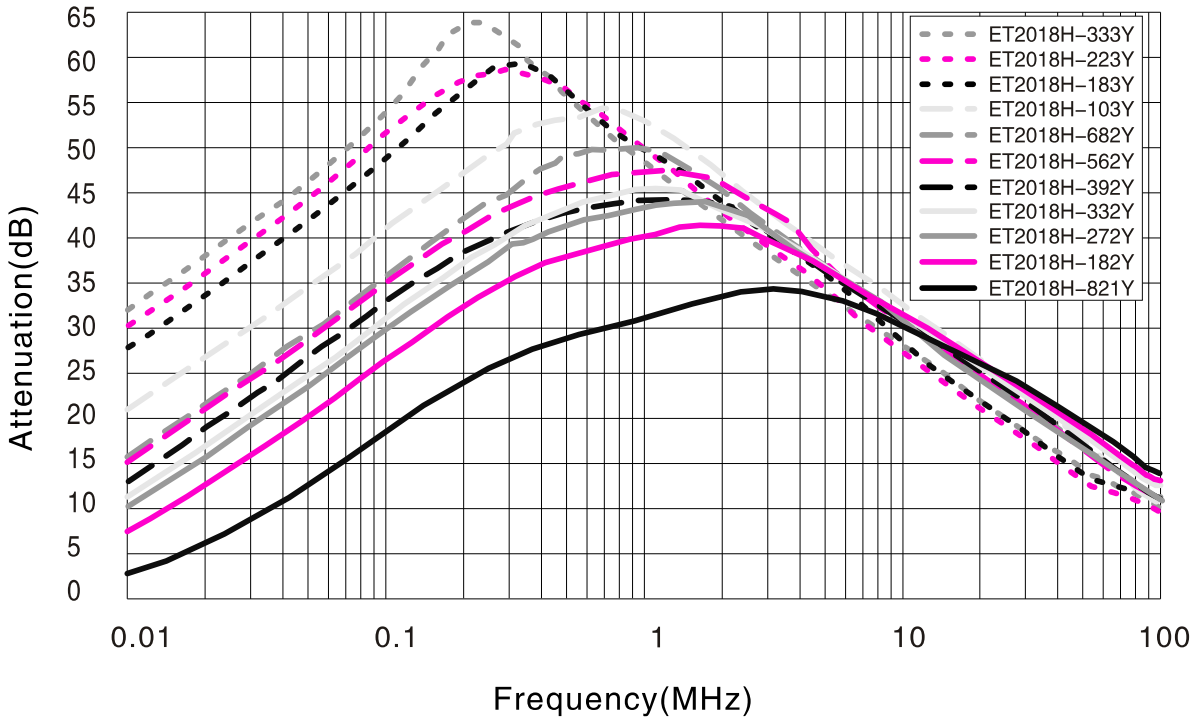
Frequency.....50/60Hz

Insulation test voltage..... 2000V

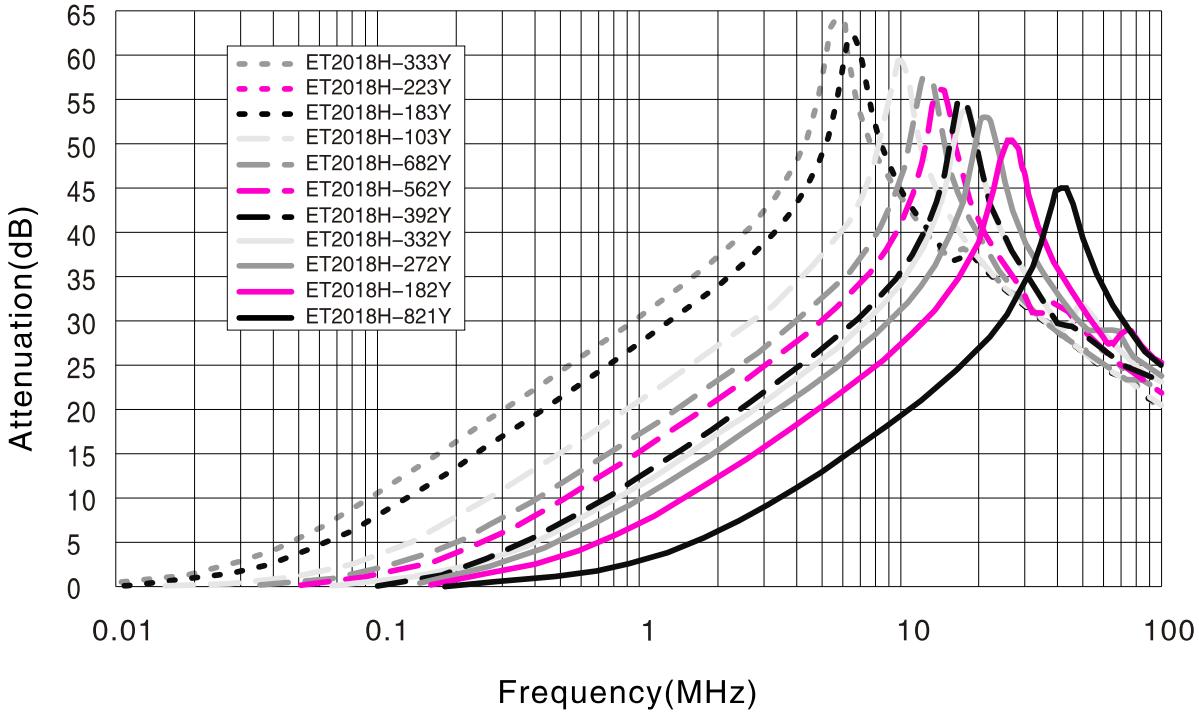
Operating temperature.....–25 ℃ to +125 ℃

Housing..... UL94 V–0

ATTENUATION COMMON MODE

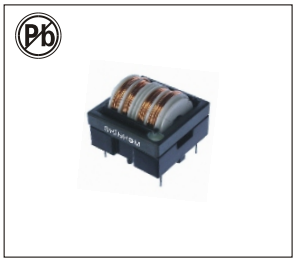


ATTENUATION DIFFERENTIAL MODE



COMMON MODE POWER LINE CHOKE

ET2422H SERIES



FEATURES:

- Closed rectanqular ferrite core
- 2 section winding for excellent high frequency performance
- 1% stray inductance for symmetrical interference suppression

APPLICATIONS:

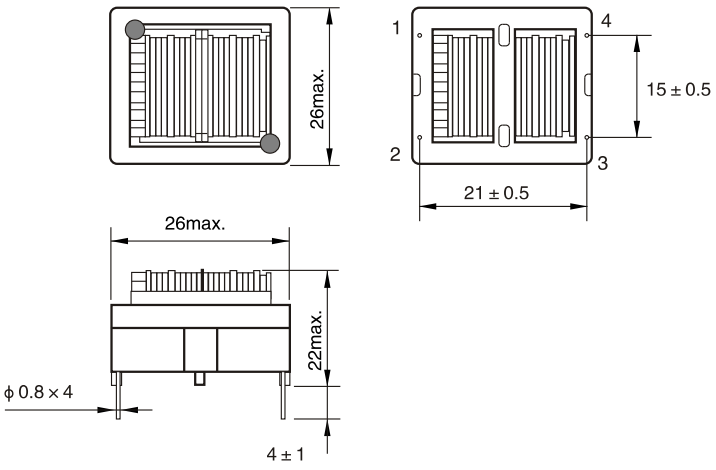
- Switch mode power supplies
- Suppression of common mode noise
- Compact switch mode power supplies
- Electronic ballast applications(LED bulb)
- Lighting

ELECTRICAL CHARACTERISTICS:

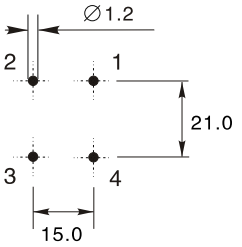
Part Number	Nominal inductance (mH) Min.	Leakage Inductance (μH)Max.	D.C.R (Ω) Max.	Rated current I(A) Max
ET2422H–683Y0R4	68	700	2.3	0.4
ET2422H–453Y0R5	45	600	1.65	0.5
ET2422H–333Y0R6	33	500	1.2	0.6
ET2422H–253Y0R8	25	400	0.88	0.8
ET2422H–203Y1R0	20	350	0.64	1.0
ET2422H–103Y1R2	10	250	0.38	1.2
ET2422H–452Y1R5	4.5	150	0.19	1.5
ET2422H–392Y1R8	3.9	150	0.15	1.8
ET2422H–332Y2R0	3.3	100	0.11	2.0
ET2422H–242Y2R5	2.4	95	0.09	2.5

PHYSICAL CHARACTERISTICS:

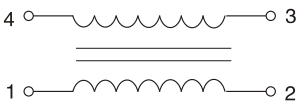
Dimensions 1



Hole pattern(in mm)



Winding



Notes:

Rated voltage.....250Vac

Frequency.....50/60Hz

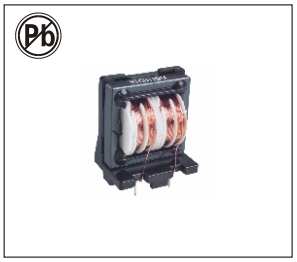
Insulation test voltage..... 2000V

Operating temperature.....–25 ℃ to +125 ℃

Housing..... UL94 V–0

COMMON MODE POWER LINE CHOKE

ET2430V SERIES



FEATURES:

- Closed rectanqular ferrite core
- 2 section winding for excellent high frequency performance
- 1% stray inductance for symmetrical interference suppression

APPLICATIONS:

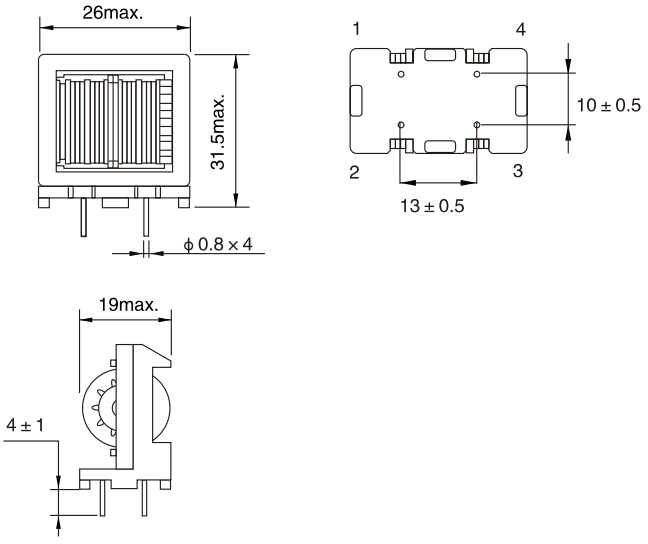
- Switch mode power supplies
- Suppression of common mode noise
- Compact switch mode power supplies
- Electronic ballast applications(LED bulb)
- Lighting

ELECTRICAL CHARACTERISTICS:

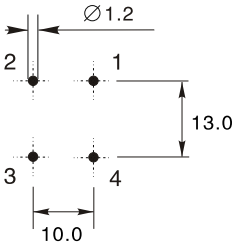
Part Number	Nominal inductance (mH) Min.	Leakage Inductance (μH)Max.	D.C.R (Ω) Max.	Rated current I(A) Max
ET2430V-683Y0R4	68	700	2.3	0.4
ET2430V-453Y0R5	45	600	1.65	0.5
ET2430V-333Y0R6	33	500	1.2	0.6
ET2430V-253Y0R8	25	400	0.88	0.8
ET2430V-203Y1R0	20	350	0.64	1.0
ET2430V-103Y1R2	10	250	0.38	1.2
ET2430V-452Y1R5	4.5	150	0.19	1.5
ET2430V-392Y1R8	3.9	150	0.15	1.8
ET2430V-332Y2R0	3.3	100	0.11	2.0
ET2430V-242Y2R5	2.4	95	0.09	2.5

PHYSICAL CHARACTERISTICS:

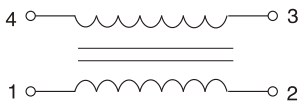
Dimensions 1



Hole pattern(in mm)



Winding



Notes:

Rated voltage.....250Vac

Frequency.....50/60Hz

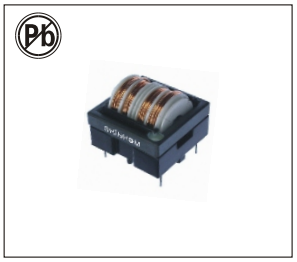
Insulation test voltage..... 2000V

Operating temperature.....–25 ℃ to +125 ℃

Housing..... UL94 V–0

COMMON MODE POWER LINE CHOKE

ET2836H SERIES



FEATURES:

- Closed rectanqular ferrite core
- 2 section winding for excellent high frequency performance
- 1% stray inductance for symmetrical interference suppression

APPLICATIONS:

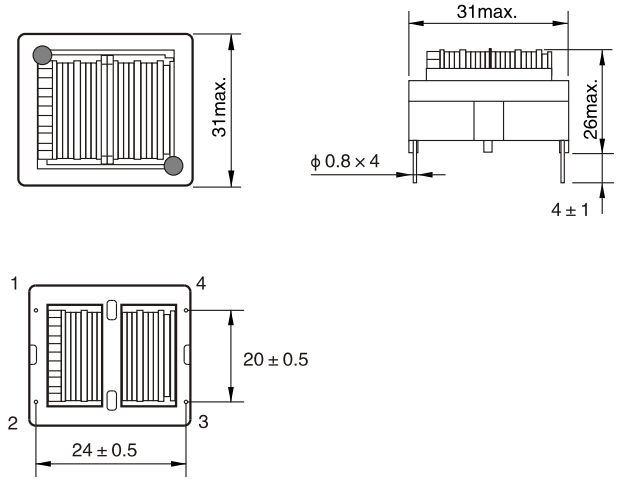
- Switch mode power supplies
- Suppression of common mode noise
- Compact switch mode power supplies
- Electronic ballast applications(LED bulb)
- Lighting

ELECTRICAL CHARACTERISTICS:

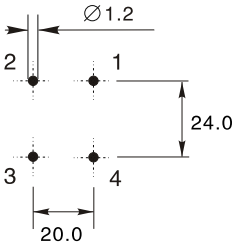
Part Number	Nominal inductance (mH) Min.	Leakage Inductance (μH)Max.	D.C.R (Ω) Max.	Rated current I(A) Max
ET2836H–353Y1R0	35	650	0.78	1.0
ET2836H–253Y1R2	25	500	0.56	1.2
ET2836H–203Y1R5	20	400	0.41	1.5
ET2836H–123Y1R8	12	300	0.27	1.8
ET2836H–802Y2R0	8	200	0.18	2.0
ET2836H–562Y2R5	5.6	200	0.13	2.5
ET2836H–472Y2R8	4.7	150	0.10	2.8
ET2836H–332Y3R0	3.3	100	0.088	3.0
ET2836H–182Y4R0	1.8	40	0.05	4.0

PHYSICAL CHARACTERISTICS:

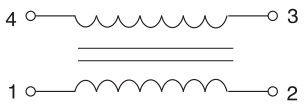
Dimensions 1



Hole pattern(in mm)



Winding



Notes:

Rated voltage.....250Vac

Frequency.....50/60Hz

Insulation test voltage..... 2000V

Operating temperature.....–25 ℃ to +125 ℃

Housing..... UL94 V–0

COMMON MODE POWER LINE CHOKE

ET2836V SERIES



FEATURES:

- Closed rectanqular ferrite core
- 2 section winding for excellent high frequency performance
- 1% stray inductance for symmetrical interference suppression

APPLICATIONS:

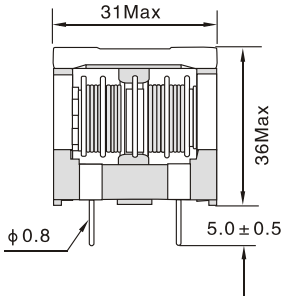
- Switch mode power supplies
- Suppression of common mode noise
- Compact switch mode power supplies
- Electronic ballast applications(LED bulb)
- Lighting

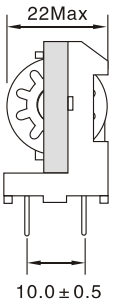
ELECTRICAL CHARACTERISTICS:

Part Number	Nominal inductance (mH) Min.	Leakage Inductance (μH)Max.	D.C.R (Ω) Max.	Rated current I(A) Max
ET2836V–353Y1R0	35	650	0.78	1.0
ET2836V–253Y1R2	25	500	0.56	1.2
ET2836V–203Y1R5	20	400	0.41	1.5
ET2836V–123Y1R8	12	300	0.27	1.8
ET2836V–802Y2R0	8	200	0.18	2.0
ET2836V–562Y2R5	5.6	200	0.13	2.5
ET2836V–472Y2R8	4.7	150	0.10	2.8
ET2836V–332Y3R0	3.3	100	0.088	3.0
ET2836V–182Y4R0	1.8	40	0.05	4.0

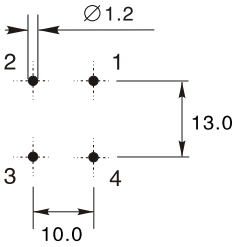
PHYSICAL CHARACTERISTICS:

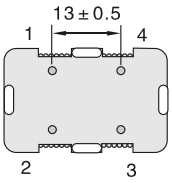
Dimensions 1



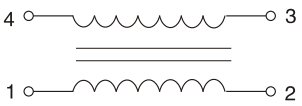


Hole pattern(in mm)





Winding



Notes:

Rated voltage.....250Vac

Frequency.....50/60Hz

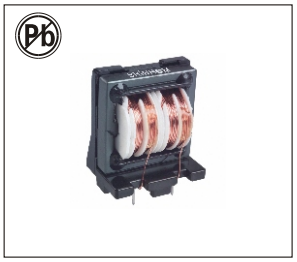
Insulation test voltage..... 2000V

Operating temperature.....–25 ℃ to +125 ℃

Housing..... UL94 V–0

COMMON MODE POWER LINE CHOKE

ET3435V SERIES



FEATURES:

- Approximate 1% stray inductance for symmetrical interference suppression
- Closed rectangular ferrite core
- Attenuation up to 75dB with high rated current

APPLICATIONS:

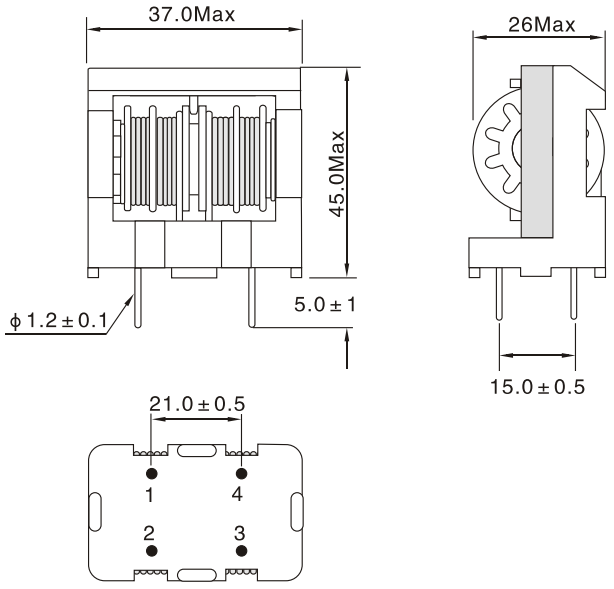
- Switch mode power supplies
- Suppression of common mode noise
- Mains filter
- Electronic ballast applications
- Lighting

ELECTRICAL CHARACTERISTICS:

Part Number	L (mH)+50%/–30%	Rated Current (A)	RDC max. (Ω)
ET3435V–392Y	3.9	6.0	50
ET3435V–103Y	10	3.4	110
ET3435V–223Y	22	2.5	200
ET3435V–563Y	56	1.5	530
ET3435V–104Y	100	1.25	900

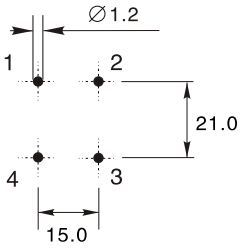
PHYSICAL CHARACTERISTICS:

Dimensions 1

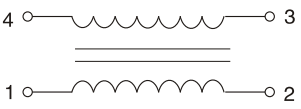


Bottom view

Hole pattern(in mm)



Winding



Notes:

Rated voltage.....250Vac

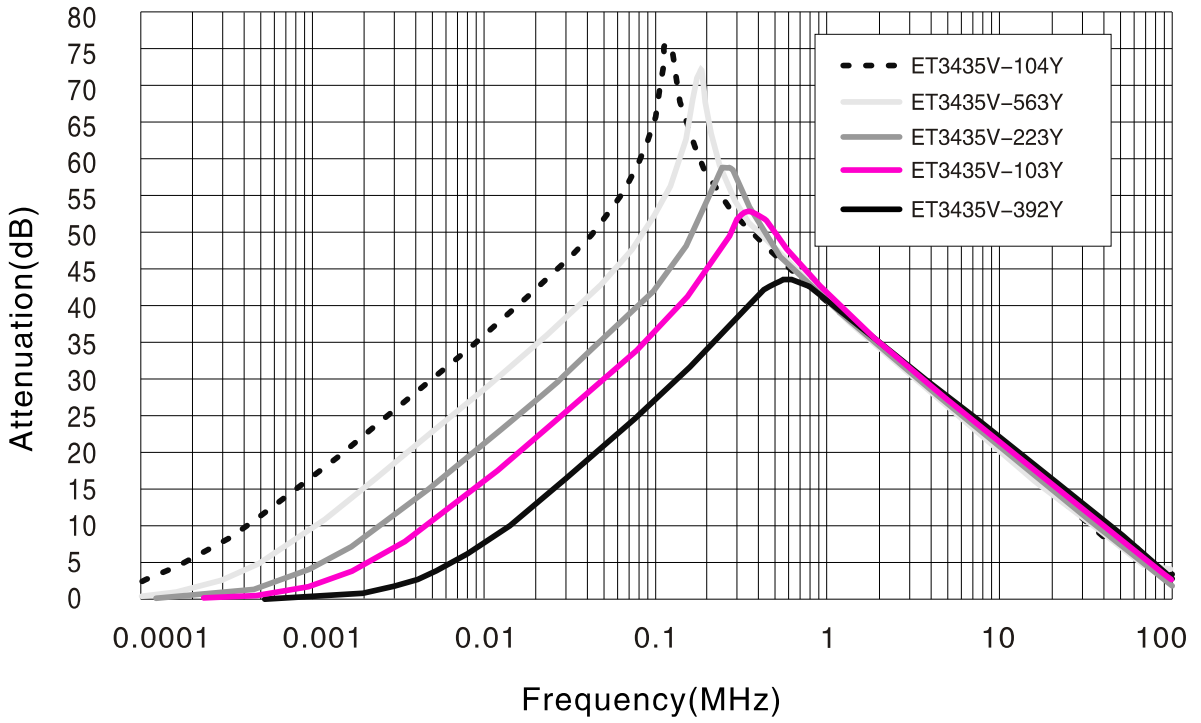
Frequency.....50/60Hz

Insulation test voltage..... 2000V

Operating temperature.....–40 ℃ to +125 ℃

Housing..... UL94 V–0

ATTENUATION COMMON MODE



ATTENUATION DIFFERENTIAL MODE

