

A FEATURES

- Closed rectangular ferrite core
- 2-section winding for symmetrical interference suppression
- Operating temperature range from -40°C to +125°C (Including Self-heating)
- Typical applications: switching mode power supplies, electronic ballasts for lamps, etc.



B PART NUMBER SYSTEM

$\frac{2CY}{1}$ $\frac{20}{2}$ - $\frac{182}{3}$ $\frac{E}{4}$

1	Series	2	Dimension Code (L*W*H) (mm)
2CY	Series Code		20 (21.2×16.6×22.5)
3	Inductance Code	4	RoHS Compliant
182	18×10 ² μH = 1.8mH		

C DRAWINGS AND DIMENSIONS

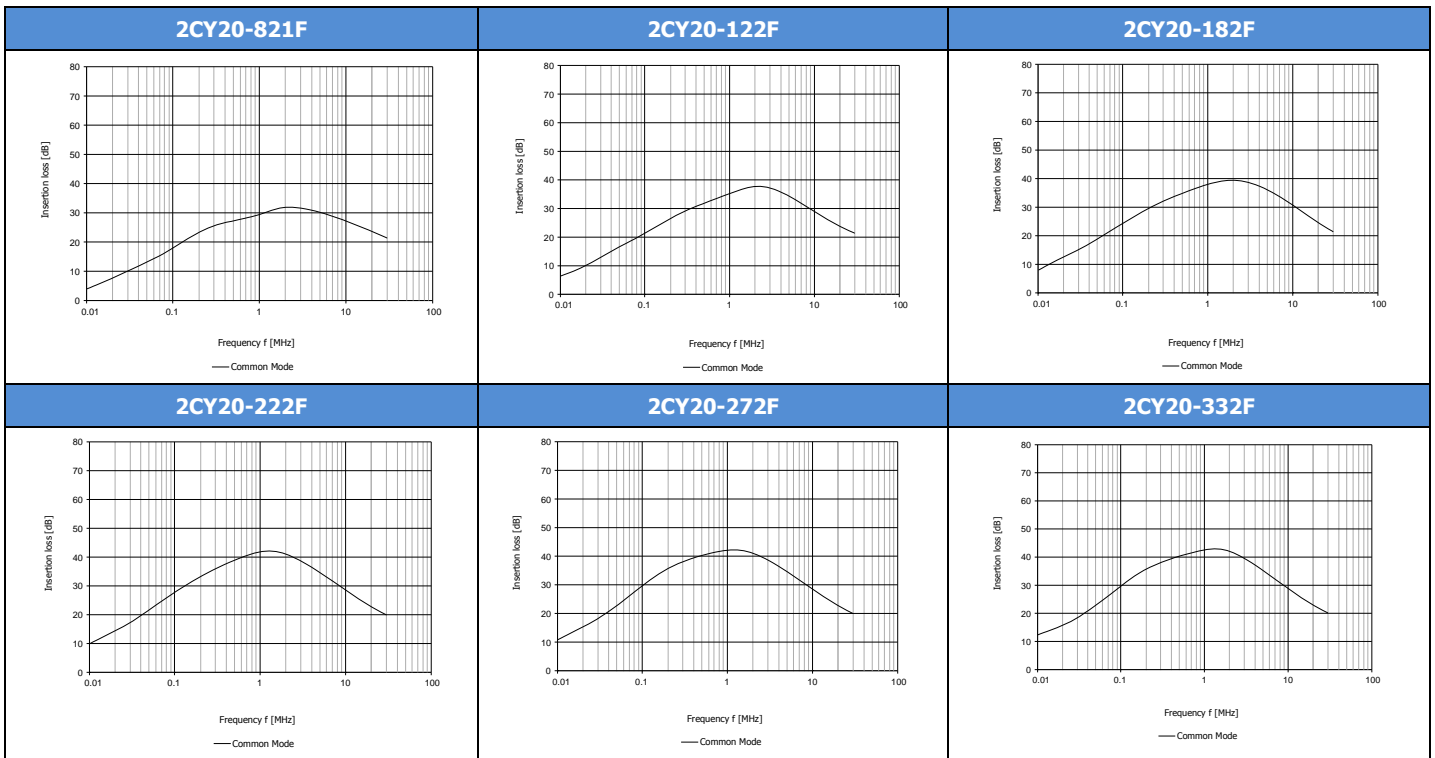
2CY20	Schematics

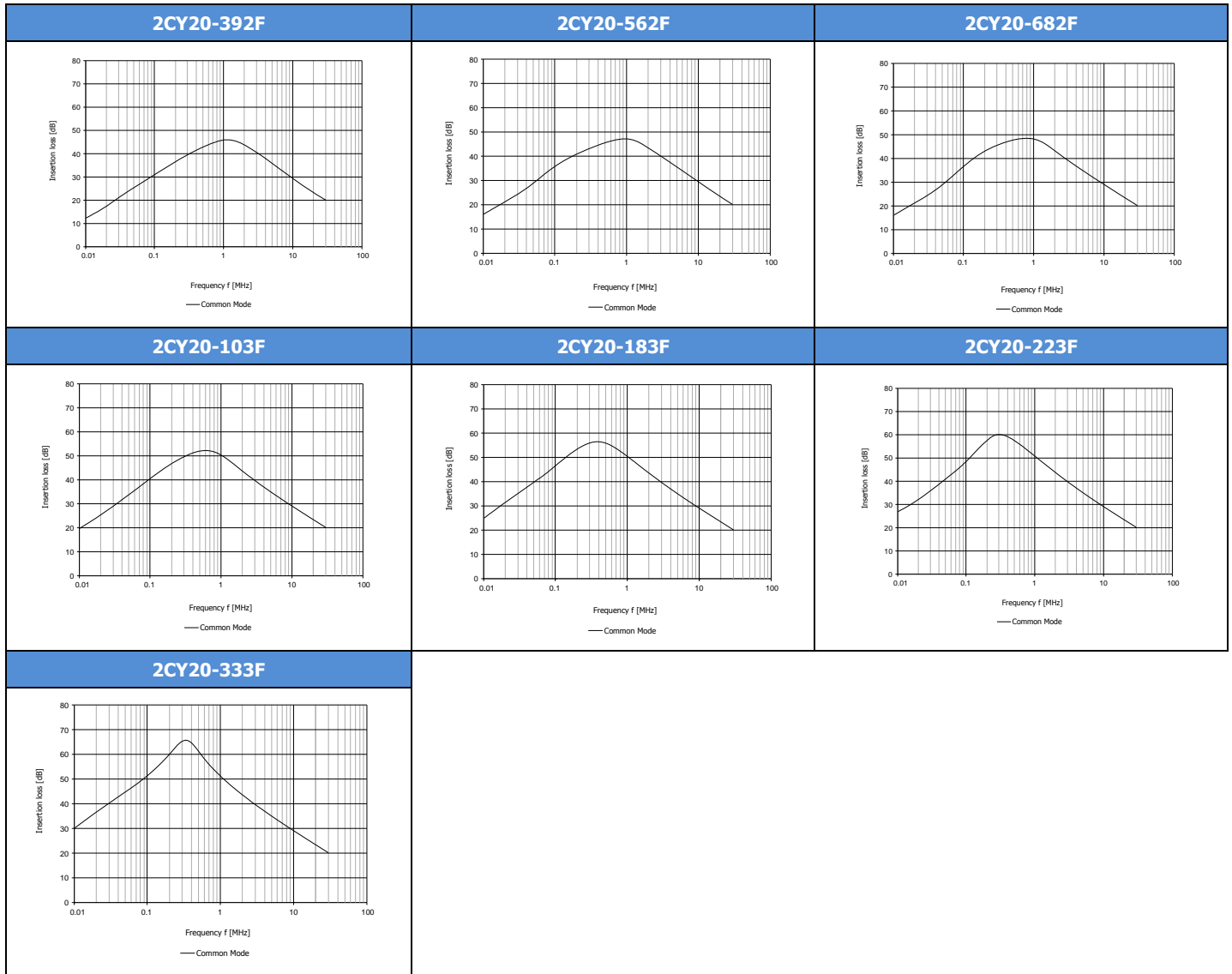
D SPECIFICATIONS

	Inductance	DCR	Ir	U _T	U _R
Part Number	Min. (mH)	Max.(Ω)	(A)	V(AC)	V(AC)
2CY20-821F	0.82	0.070	2.0	2000	250
2CY20-122F	1.2	0.100	1.6	2000	250
2CY20-182F	1.8	0.120	1.5	2000	250
2CY20-222F	2.2	0.170	1.3	2000	250
2CY20-272F	2.7	0.187	1.2	2000	250
2CY20-332F	3.3	0.210	1.2	2000	250
2CY20-392F	3.9	0.270	1.0	2000	250
2CY20-562F	5.6	0.415	0.8	2000	250
2CY20-682F	6.8	0.467	0.7	2000	250
2CY20-103F	10	0.708	0.6	2000	250
2CY20-183F	18	1.200	0.5	2000	250
2CY20-223F	22	1.635	0.4	2000	250
2CY20-333F	33	2.500	0.3	2000	250

1. Inductance measured @ 10KHz, 0.1V at 20°C temperature.
2. DCR measured @ 20°C.

E Typical Attenuation Curves





F Packaging

Case Size	Parts per Tray
2CY20	100