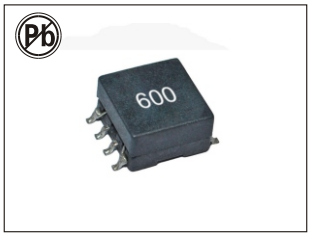


SMD LINE FILTER
SF1306 SERIES

FEATURES:

- Low profile very effective in space conscious applications
- Low resistance filters have been designed for excellent electrical isolation
- High quality toroidal core
- Wide frequency range over 1000MHz
- Lead free construction

OPTIONS:

- Tape & Reel is Standard Bulk packaging Available for Smaller Quantities

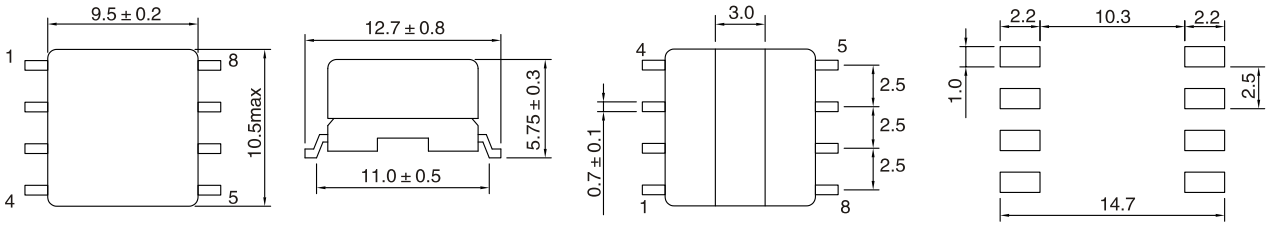
COMMON APPLCATIONS:

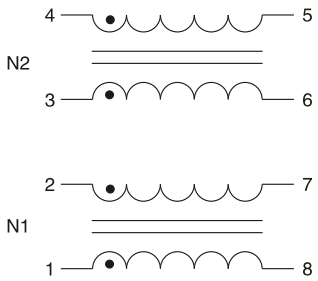
- Provide common mode noise attenuation
- Reduce conducted noise
- For the suppression of EMI in data lines and signal lines,e.g.,CAN Bus

ELECTRICAL CHARACTERISTICS:

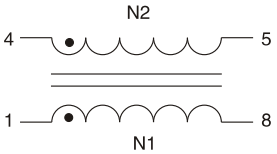
Part Number	Inductance (μ H)		DC resistance N1,N2(Ω)	Rated Current (A)	Impedance (Ω)	Freq. rang (MHz)	Fig
SF1306	L1,L2	L1–L2					
350YA	35 ± 35%	4 max.	0.035 max	2.70max	400 min	5.0~250	B
600YA	60 ± 35%	5 max.	0.065max	2.00max	600min	5.0~100	B
101YA	100 ± 35%	15 max.	0.100max	0.70max	300min	1.0~50	A
251YA	250 ± 35%	25 max.	0.150max	0.60max	600min	1.0~40	A
501YA	500 ± 35%	35 max.	0.300max	0.40max	1200min	1.0~40	A
102YA	1000 ± 35%	45 max.	0.400max	0.35max	2200min	0.5~10	A
501YA	500 ± 35%	35 max.	0.300max	0.40max	1200min	1.0~40	A
102YA	1000 ± 35%	45 max.	0.400max	0.35max	2200min	0.5~10	A

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:





FigA



FigB

- Materials:
  1. Core: Ferrite Toroidal Core
  2. Wire: Enamelled Copper Wire
  3. Base: LCP
  4. Terminal: Tinned Copper Plate
  5. Adhesive: Epoxy Resin
  6. Case: LCP
- General Specification:
  1. Storage Temperature: – 25℃ – +85℃
  2. Operating Temperature: – 20℃ – + 80℃
  3. Resistance to solder heat: 260℃,10 secs.

Note: All specifications subject to change without notice.