

SMD LINE FILTER

SF0903 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

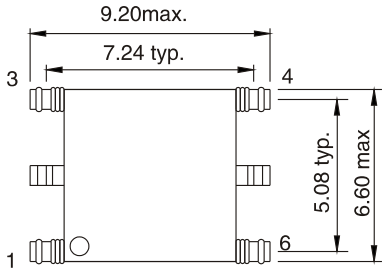
COMMON APPLCATIONS:

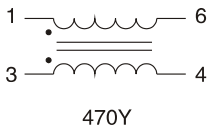
- Provide common mode noise attenuation
- Reduce conducted noise
- For the suppression of EMI in data lines and signal lines,e.g.,CAN Bus

ELECTRICAL CHARACTERISTICS:

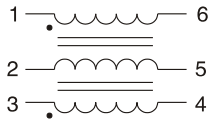
Part Number	L(μH) 100K/0.1V	L–L(μH) 100K/0.02V	C(pF) 100K/0.02V	DCR(Ω) max.	Tums Ratio	Insertion Loss		Impedance(z)	
SF0903						Freq.rang	db	Freq.rang	min(Ω)
470YAB	47.0 min.	0.18^{+0}	20^{+0}	0.4	1:1	1~100MHz	20^{-0}	10~30MHz	1000
200YAB	20.0 min.	0.10^{+0}	18^{+0}	0.4	1:1:1	30~300MHz	20^{-0}	30~100MHz	800

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

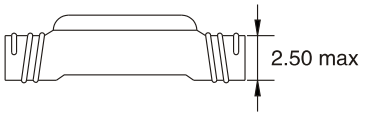


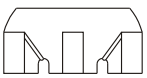


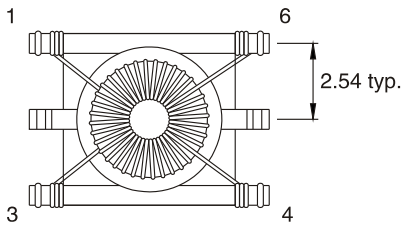
470Y

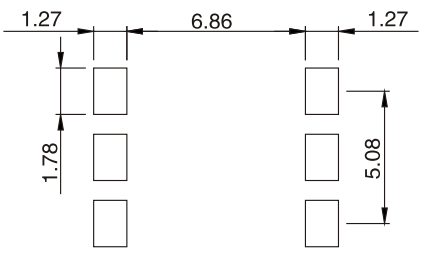


200Y









PCB layout

General Specification:

1. Storage Temperature: –40℃ – +105℃
2. Operation Temperature: –25℃ – +85℃
3. Temperature Rise Included: 30℃ max at Rated Current
4. Resistance to solder heat: 260℃,10 secs.