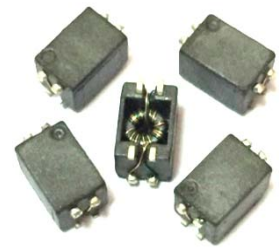


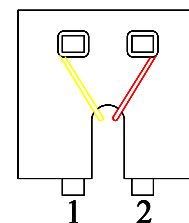
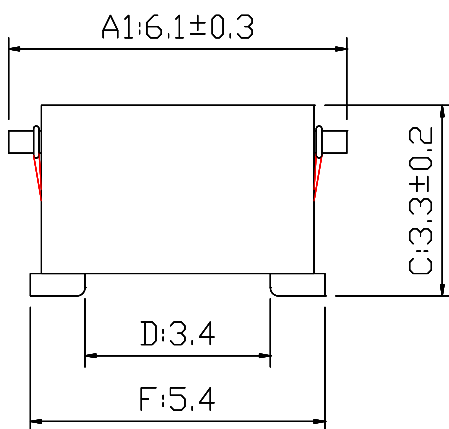
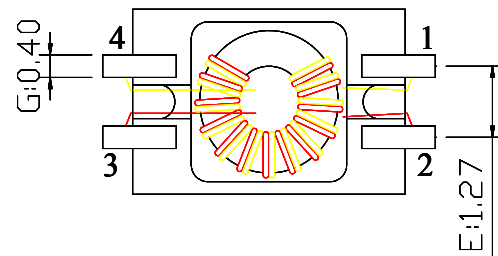
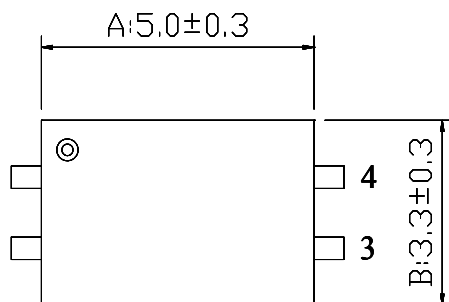
TYPE:SPFC53 Series



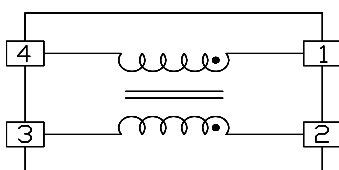
- ◆ Feature and application
- ◇ Low profile very effective in space conscious applications
- ◇ Low resistance filters have been designed for excellent electrical isolation
- ◇ Reduce conducted noise
- ◇ SMD Common Mode Line Filter
- ◇ Storage temperature range : $-40^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- ◇ Operating temperature range: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ (Including coil's self temperature rise)



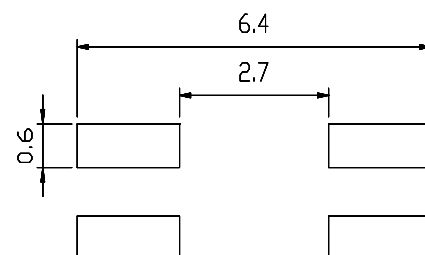
◆ Dimensions(mm)



◆ Schematic



◆ Recommended Land Patten



TYPE:SPFC53 Series

◆ Electrical characteristics (25°C ambient)

Part No.	Ls (μ H) @10kHz,0.1V	L.K (μ H) [Max.] Shorted pin2-3 @10kHz,0.1V	D.C.R (m Ω) [Max.]	Rated Current (mA) [Max.]
SPFC53-100N	10 $\pm$ 30%	0.3	125	400
SPFC53-120N	12 $\pm$ 30%	0.3	140	400
SPFC53-150N	15 $\pm$ 30%	0.3	150	400
SPFC53-180N	18 $\pm$ 30%	0.3	160	400
SPFC53-220N	22 $\pm$ 30%	0.3	180	300
SPFC53-270N	27 $\pm$ 30%	0.3	185	300
SPFC53-330N	33 $\pm$ 30%	0.3	200	300
SPFC53-470N	47 $\pm$ 30%	0.3	230	200
SPFC53-510N	51 $\pm$ 30%	0.3	240	200
SPFC53-101N	100+50%/-30%	0.3	125	400
SPFC53-151N	150+50%/-30%	0.3	140	400
SPFC53-181N	180+50%/-30%	0.3	150	400
SPFC53-221N	220+50%/-30%	0.3	160	400
SPFC53-271N	270+50%/-30%	0.3	180	300
SPFC53-331N	560+50%/-30%	0.3	185	300
SPFC53-471N	470+50%/-30%	0.3	220	200
SPFC53-561N	560+50%/-30%	0.3	230	200
SPFC53-681N	680+50%/-30%	0.3	240	200

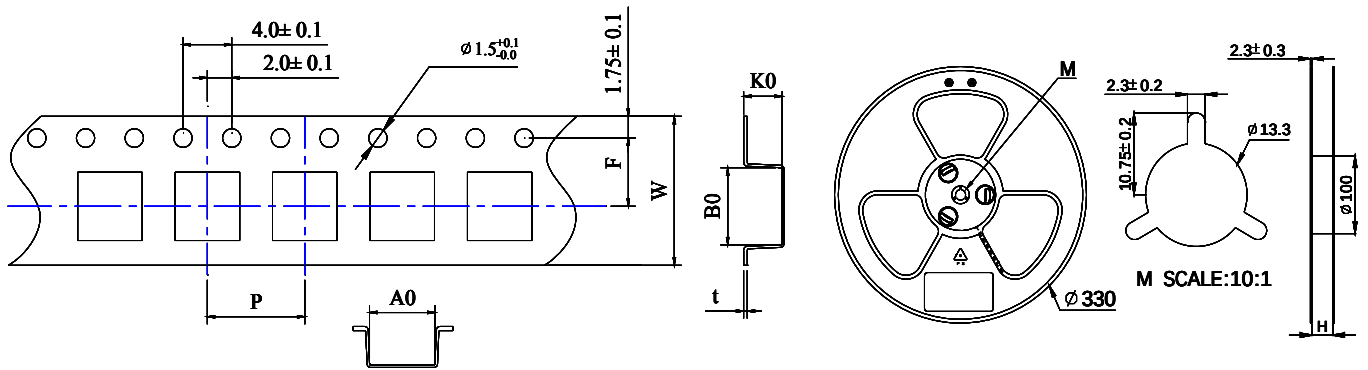
※ Hi-pot: 400Vac,2mA,3Sec.

※ Rated Current:The actual value of D.C. current when the temperature rise is $\Delta t=40^{\circ}\text{C}$ ($T_a=25^{\circ}\text{C}$).

TYPE:SPFC53 Series

◆ Packing specification

◇ Tape&reel dimension (mm)

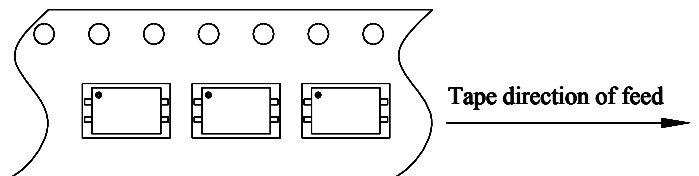


TYPE	W	A0	B0	K0	F	P	t	H
SPFC53	12 ± 0.3	6.4 ± 0.1	3.6 ± 0.1	3.5 ± 0.1	5.5 ± 0.05	8.0 ± 0.1	0.35 ± 0.05	12.5 ± 0.2

◇ Taping

* Enclosing condition of coils.

The mark side is upward as the up illustration.



Leader section	400mm Min.
Carrier tape start size	100mm Min.
Trailer section size	160mm Min.
Quantity	2000pcs/Roll

