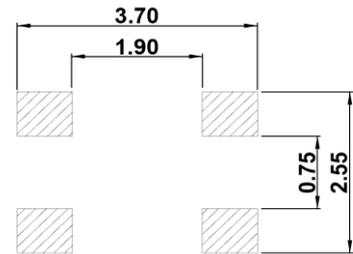
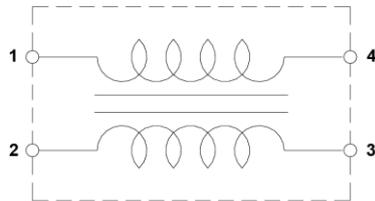


P.C.B. LAYOUT



SCHEMATIC



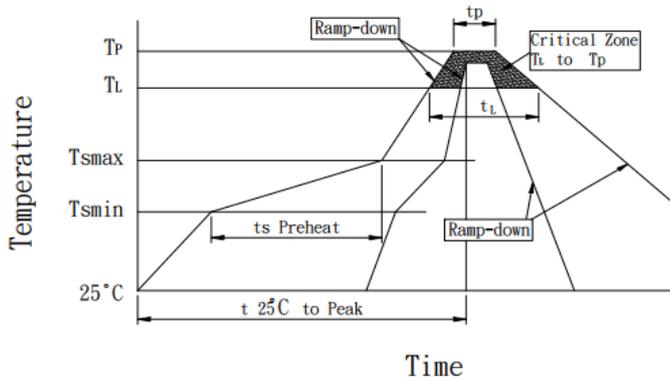
Specifications:

Impedance per winding (100 MHz):	see table "xxxxxx"
Rated current:	see table "xxxxxx"
Rated voltage:	50 V DC typ.
Insulation resistance:	10 MOhm min.
Stray inductance (100.0 kHz,0.05V):	n.a.
Resistance per winding:	see table "xxxxxx"
Operating temperature:	-25 °C to +85 °C
Materials:	n.a.
Packaging quantity:	1000 pcs. / reel

Compliance: RohS III (2015/863/EU)

tolerances	knitter-inductive	Product Data-sheet	2 11 44
			page 1/4
	drawn: D. Rauschert, 10/20	Common Mode Choke	
	approved: C.Schmid, 10/20		
	Part Number	ICSCxxxxxxL4SHyT23	
02/26, Packaging, dr			
02/22, Add "50A206", dr			
date: modification, name			

Soldering conditions:



- TL to Tp: 3°C/sec. max.
- Ts min.: 150°C
- Ts max.: 200°C
- ts: 60-180 sec.
- Ts max. to TL: 3°C/sec. max.
- TL: 217°C
- tL: 60-150 sec.
- Tp: 255°C +5/-5°C
- tp: 20-40 sec.
- Ramp-down rate: 6°C/sec. max.
- Time 25°C peak temperature: 8 minutes max.

Compliance: RohS III (2015/863/EU)

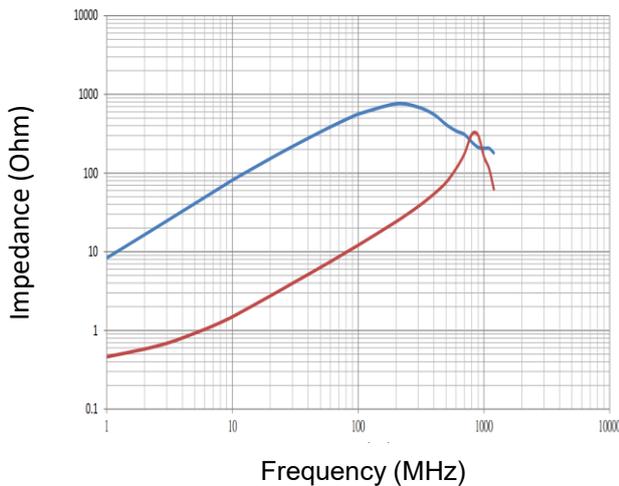
tolerances	knitter-inductive	Product Data-sheet	2 11 44
			page 2/4
	drawn: D. Rauschert, 10/20	Common Mode Choke	
	approved: C.Schmid, 10/20		
	Part Number	ICSCxxxxxxL4SHyT23	
02/26, Packaging, dr			
02/22, Add "50A206", dr			
date: modification, name			

"xxxxxx"	"y"	Impedance (Ω) at 100 MHz	DC Resistance (Ω) max.	Rated Current (mA) max.
50A206	R	500	0.10	2000
10B126	R	1000	0.35	1200

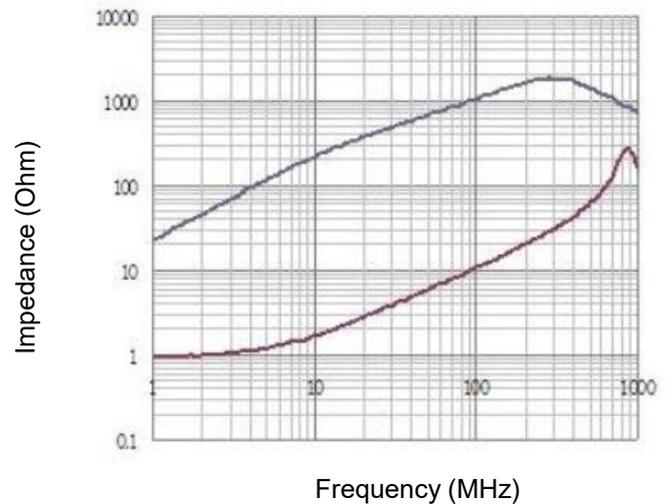
"y"	Impedance tolerance
R	+/-25%

Impedance vs. Frequency Graph

ICSC50A206L4SHRT23



ICSC10B126L4SHRT23



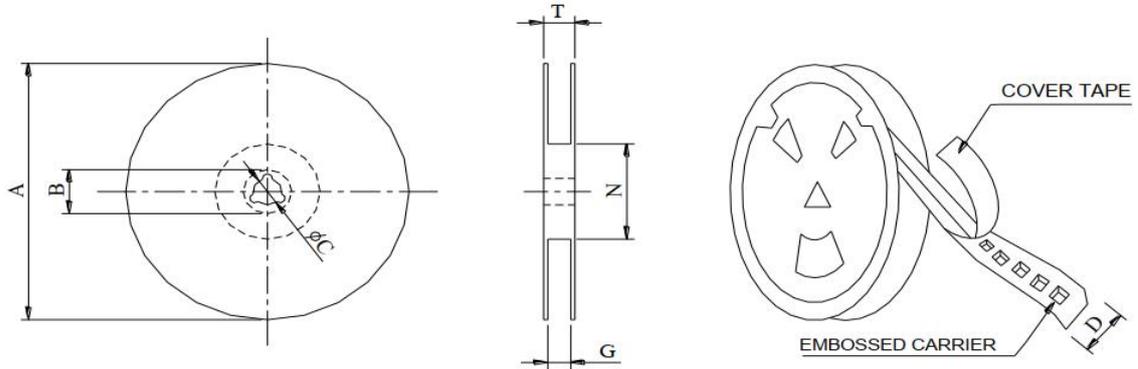
Graph description:

- blue: Z (common mode)
- red: Z (differential mode)

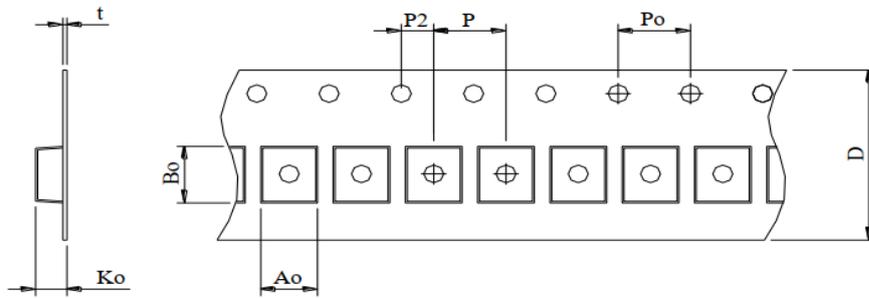
Compliance: RohS III (2015/863/EU)

tolerances	knitter-inductive	Product Data-sheet	2 11 44
			page 3/4
	drawn: D. Rauschert, 10/20	Common Mode Choke	
	approved: C.Schmid, 10/20		
	Part Number	ICSCxxxxxxL4SHyT23	
02/26, Packaging, dr			
02/22, Add "50A206", dr			
date: modification, name			

Packaging:



*CARRIER TAPE WIDTH : D



DIMENSIONS (m/m)													
A	B	C	D	G	N	T	Ao	Bo	Ko	t	P	Po	P2
178	—	—	12	—	60± 1.0	—	3.6 ±0.1	2.8 ±0.1	2.20 ±0.1	—	8	4	2

Compliance: RohS III (2015/863/EU)

tolerances	knitter-inductive	Product Data-sheet	2 11 44
			page 4/4
	drawn: D. Rauschert, 10/20	Common Mode Choke	
	approved: C.Schmid, 10/20		
	Part Number	ICSCxxxxxxL4SHyT23	
02/26, Packaging, dr			
02/22, Add "50A206", dr			
date: modification, name			