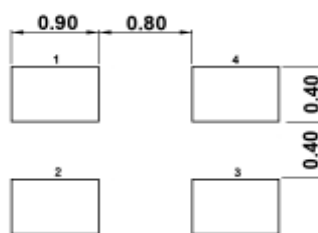


P.C.B. LAYOUT



Specifications:

Impedance per winding (100 MHz):	see table "xxxxxx"
Rated current:	see table "xxxxxx"
Rated voltage:	see table "xxxxxx"
Insulation resistance:	10 MOhm min.
Stray inductance (100 kHz, 0.05 V):	n.a.
Resistance per winding:	see table "xxxxxx"
Operating temperature:	-25 °C to +85 °C
Materials:	n.a.
Packaging quantity:	2000 pieces / reel

Compliance: RohS II (2011/65/EU)

tolerances	knitter-inductive	Product Data-sheet	2 07 95
			page 1/4
03/22 Add "80A305", cs	drawn: D. Rauschert, 01/19	Common Mode Choke	
02/20 Add 37A285, dr	approved: C.Schmid, 01/19		
07/19, Add "90A205", dr	Part Number		
05/19, Add cut off freq., cs			
03/19, Add "12A365", dr			
date: modification, name		ICSCxxxxxxL3SHyT22	

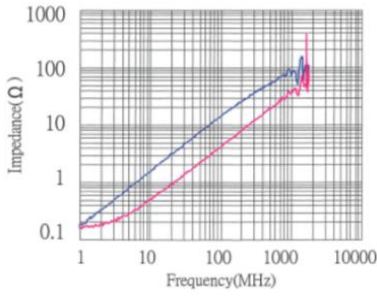
"y"	"xxxxxx"	Impedance (Ω) at 100MHz	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Voltage VDC typ.	Operating frequency	Cut-off Frequency (GHz)	Withstand Voltage VDC typ.
R	129425	12	0.25	420	20	7.5 GHz (USB3.0)	1.0 typ.	
R	249305	24	0.20	300	20	6 GHz (HDMI1.5Cat2)	6.0 typ.	
R	249425	24	0.25	420	20	7.5 GHz (USB3.0)	7.5 typ.	
R	259425	25	0.22	420	20	7.5 GHz (USB3.0)	7.5 typ.	
R	309305	30	0.20	300	20	6 GHz (HDMI1.5Cat2)	6.0 typ.	
R	329405	32	0.25	400	20	7.5 GHz (USB3.0)	7.5 typ.	
R	609305	60	0.30	300	20	6 GHz (HDMI1.5Cat2)	6.0 typ.	
R	609315	60	0.30	300	20	7.5 GHz (USB3.0)	7.5 typ.	
R	679405	67	0.25	400	50	1 GHz		125
R	909405	90	0.30	400	50	1 GHz		125
R	909305	90	0.30	300	20	3.5 GHz	3.5 typ.	
R	909315	90	0.30	300	20	6 GHz (HDMI1.5Cat2)	6.0 typ.	
R	909325	90	0.30	300	20	7.5 GHz (USB3.0)	7.5 typ.	
R	12A355	120	0.30	350	50	1 GHz		125
R	12A365	120	0.30	350	50	3.5 GHz	5.5 typ.	
R	16A355	160	0.30	350	50	1 GHz		125
R	18A335	180	0.35	330	50	1 GHz		125
R	22A335	220	0.35	330	50	1 GHz		125
R	26A305	260	0.40	300	50	1 GHz		125
R	36A285	360	0.40	280	50	1 GHz		125
R	37A285	370	0.40	280	50	1 GHz		125
R	80A305	800	0.85	300	50	1 GHz		125
M	90A205	900	0.95	200	50	1 GHz		125

"y"	Impedance tolerance
M	+/-20%
R	+/-25%

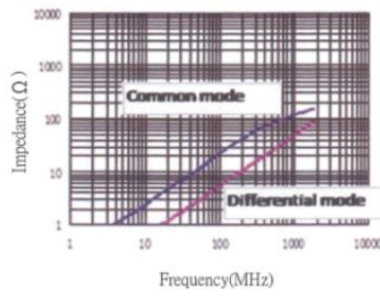
Compliance: RohS II (2011/65/EU)

tolerances	knitter-inductive	Product Data-sheet	2 07 95
			page 2/4
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07/19, Add "90A205", dr	Part Number		
05/19, Add cut off freq., cs			
03/19, Add "12A365", dr			
date: modification, name		ICSCxxxxxxL3SHyT22	

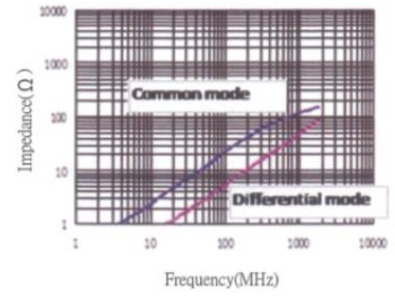
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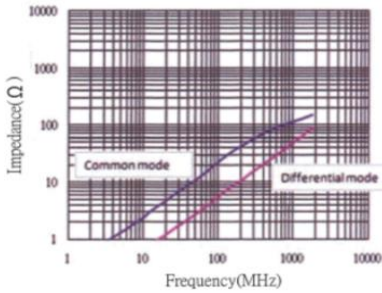
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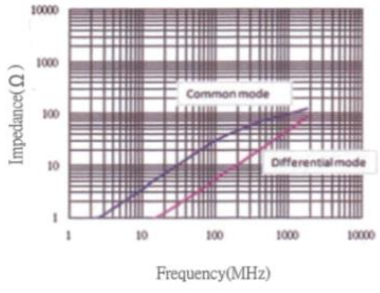
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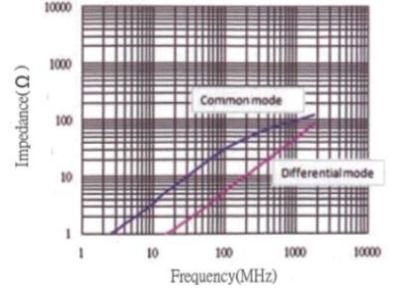
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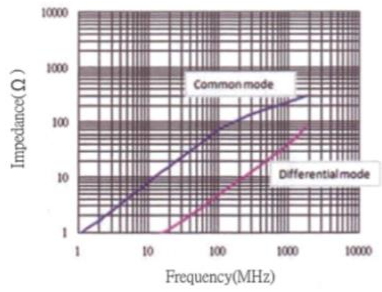
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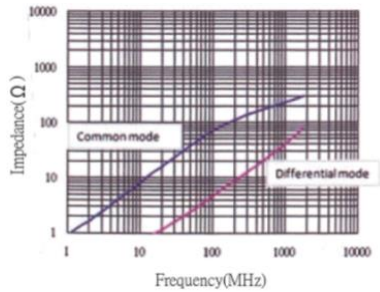
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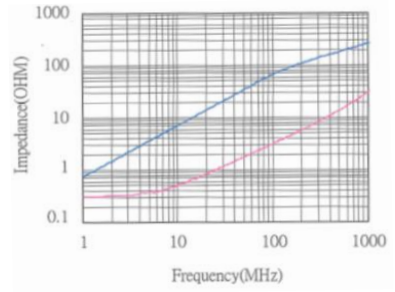
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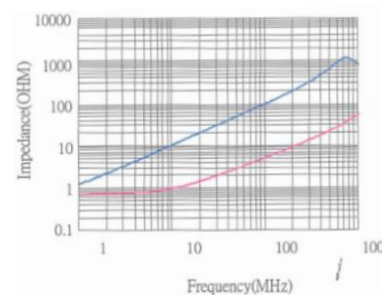
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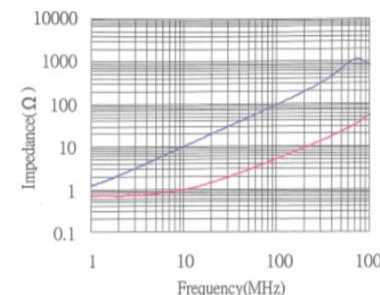
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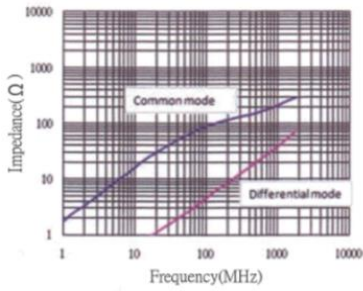


Graph description:
 - blue: Z (common mode)
 - purple: Z (differential mode)

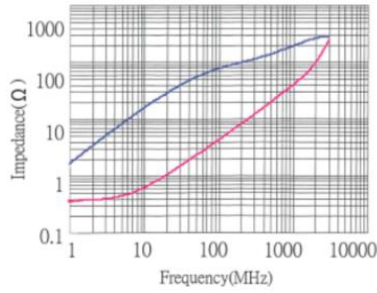
Compliance: RohS II (2011/65/EU)

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			page 3/4
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05/19, Add cut off freq., cs			
03/19, Add "12A365", dr			
date: modification, name		ICSCxxxxxxL3SHyT22	

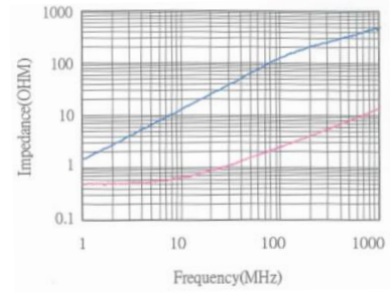
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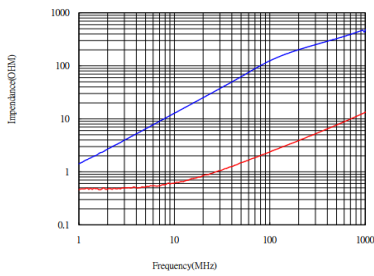
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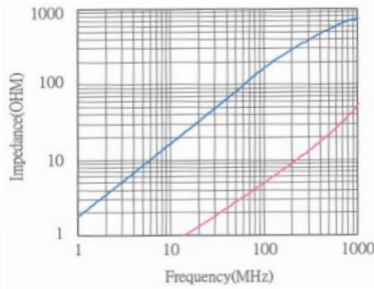
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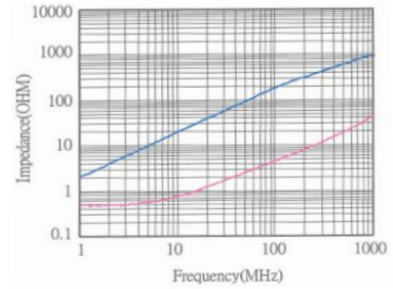
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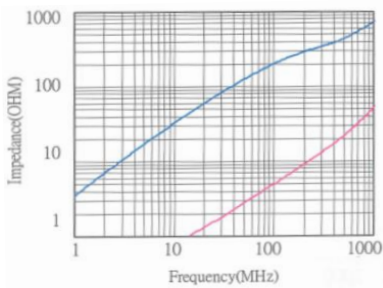
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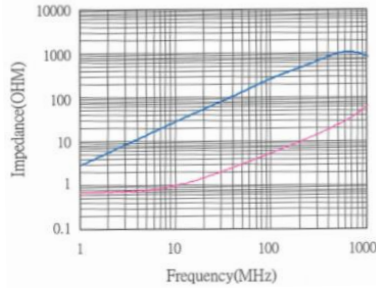
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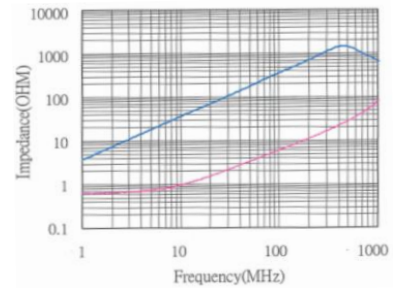
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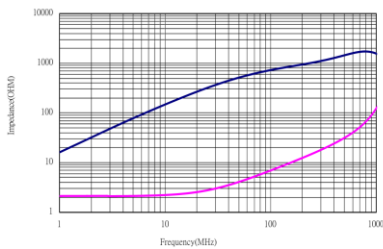
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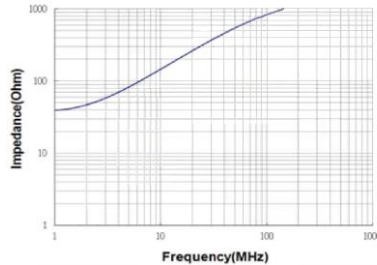
ICSC36A285L3SHRT22



ICSC80A305L3SHRT22



ICSC90A205L3SHMT22



Graph description:
 - blue: Z (common mode)
 - purple: Z (differential mode)

Compliance: RohS II (2011/65/EU)

tolerances	knitter-inductive	Product Data-sheet	2 07 95
			page 4/4
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05/19, Add cut off freq., cs			
03/19, Add "12A365", dr			
date: modification, name		ICSCxxxxxxL3SHyT22	