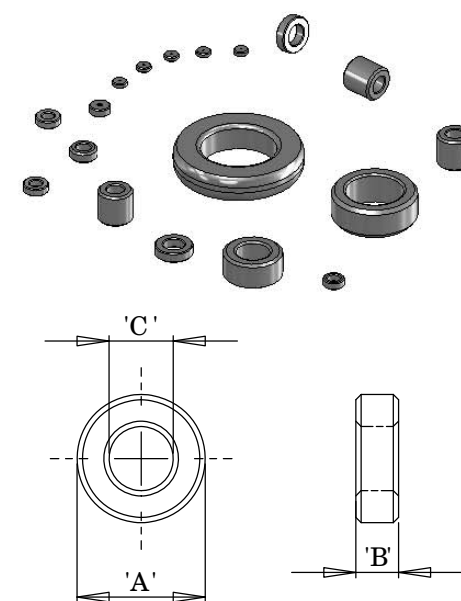




EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

A						B		C		D		E		F		G		H										
FERRITE MATERIAL: K5B(RMS-303)												FERRITE MATERIAL K5B(RMS-303)												REV.	MODIFICATION.		DATE	DRN
PARTNUMBER		A	B	C	IMPEDANCE (Ω)		STANDARD PACK	PARTNUMBER		A	B	C	IMPEDANCE (Ω)		STANDARD PACK	REV.		MODIFICATION.		DATE		DRN						
					25MHz	100MHz							25MHz	100MHz														
RT-30-10-20		3.00	2.00	1.00	20	42	4000	RT-80-60-70		8.00	7.00	6.00	20	42	500	01		NEW DRAWING		19/06/06		NJB						
RT-30-12-20				1.20	17	38		RT-85-50-30		8.50	3.00	5.00	16	34	1000	02		CO2010196		24/04/08		SF						
RT-35-8-25		3.00	1.00	1	25	52		RT-90-50-30		9.00			8.00	38	64	500	03		CO2010845		20/10/09		OW					
RT-35-8-30				0.80	31	53		RT-90-50-80		9.30	6.35	4.50	32	50	1000	04		CO2010989		01/10/10		SF						
RT-35-10-30				1.00	29	50		RT-93-45-64			9.40	7.20	6.30	22		42	1000	05		CO2011049		26/01/11		SF				
RT-35-12-30				1.20	25	45		RT-94-63-72		9.50	4.57	4.60	27	47	500	06		CO2011144		17/05/11		SF						
RT-35-13-30		3.25	1.30	26	47	RT-95-46-46		3.30	4.80		5.00	22	45	1000	07		CO2011253		16/04/12		SF							
RT-35-13-33				22	48	RT-95-48-33			4.80			22	47	08		CO2011277		31/07/12		SF								
RT-35-14-30		3.50	3.00	1.40	26	49		RT-95-50-48			5.00	5.00	26	49	500													
RT-35-14-33					1.54	1.50		15	36	RT-100-30-60		6.00	3.00	50		82	1000											
RT-35-15-15					3.00	1.50		21	42	RT-100-50-50		5.00	5.00	34	73	500												
RT-35-15-30					3.30	1.50		21	43	RT-100-60-30		3.00	6.00	15	37		1000											
RT-35-15-33		3.00	1.70	17	38	RT-100-60-40		4.00	20	42	500																	
RT-35-17-30		1.30	1.80	11	31	RT-100-60-50		5.00	6.20	22		41		1000														
RT-35-18-13		3.00		18	37	RT-100-60-62		6.20	6.00	25	49	500																
RT-35-18-30		3.94	2.54	2.29	15	36		RT-100-60-80		8.00	7.00		33	60	500													
RT-39-23-25					19	39		RT-100-70-50		5.00		17	39	200														
RT-40-15-20					3.00	1.50		23	45	RT-100-70-70		7.00	7.00		22	44	200											
RT-40-15-30					4.00	1.50		13	35	RT-100-70-75		7.50	5.80	40	67	200												
RT-40-20-15		2.00	2.00	14				37	RT-103-58-102		10.30	10.20	60	107	500													
RT-40-20-20		3.00	2.00	20				41	RT-110-50-90		11.00	9.00	5.00	60		107	500											
RT-40-20-30		1.70	2.20	12				31	RT-120-60-40		4.00	6.00	24	48	200													
RT-40-22-17		4.10	4.00	1.60	31	55		RT-120-60-60		6.00	6.00	34	58	200														
RT-41-16-40					2.80	13		35	RT-120-60-80		8.00	7.00	26		49	500												
RT-43-28-25					4.30	2.50	2.80	12	32	RT-120-70-55		5.50	7.00	28	48		500											
RT-44-28-14					4.40	1.40	2.80	12	32	RT-120-70-60		6.00	7.00	28	48	500												
RT-45-25-32		4.50	3.20	2.50	18	37	RT-125-80-64		6.35	8.00	36	58	200															
RT-50-20-20					2.00	17	37	RT-125-80-120		12.50	12.00	8.00		36	58	200												
RT-50-20-40					4.00	2.00	30	46	RT-127-79-64		12.70	6.35	7.90	26	68		500											
RT-50-23-30					3.00	2.30	19	39	RT-130-70-30		3.00	7.00	17	39	500													
RT-60-30-15		6.00	1.50	3.00	10	31	RT-130-70-55		5.50	7.00	27	50	300															
RT-60-30-20					2.00	15	35	RT-130-70-60		6.00	7.00	28		51	500													
RT-60-30-30					3.00	21	40	RT-130-70-70		7.00	7.00	32	56	200														
RT-60-30-38					3.80	22	43	RT-130-71-127		12.70	7.10	60	106		200													
RT-60-30-40		4.00	24	44	RT-140-80-50		5.00	8.00	26	50	500																	
RT-60-30-55		5.50	31	51	RT-140-80-70		14.00	7.00	28	50		500																
RT-65-43-60		6.50	6.00	4.30	21	42	RT-140-90-50		5.00	9.00	19		37	200														
RT-70-35-40		7.00	4.00	3.50	23	46	RT-142-64-102		10.16	6.35	57	95	200															
RT-70-35-60			6.00	34	59	RT-142-64-135		14.20	13.50	75	125	200																
RT-73-33-43		7.30	4.30	3.30	27	50	RT-142-80-120		12.00	8.00	49		76	200														
RT-75-24-40		7.50	4.00	2.40	32	62	RT-145-102-80		14.50	8.00	10.20	29	69		100													
RT-76-52-62		7.60	6.20	5.20	21	40	RT-150-105-120		15.00	12.00	10.50	37	62	100														
RT-79-40-70		7.90	7.00	4.00	33	57	RT-159-79-143		15.88	14.27	7.87	79	121		200													
RT-80-31-40		8.00	4.00	3.10	52	1000	RT-160-80-120		16.00	12.00	8.00	59	95	200														
RT-80-40-30			3.00	17	37		RT-160-90-120		16.00	12.00	9.00	55	87		200													
RT-80-40-40			4.00	4.00	23	46	RT-160-100-70		7.00	10.00	32	71	300															
RT-80-40-60			6.00	33	57	500																						
RT-80-60-50		5.00	6.00	15	36																							



Isometric view of various ferrite toroid cores and a cross-sectional diagram showing dimensions A, B, and C.

NOTES.

- 1) See drawings 06-073 sheets 3 of 12 to 12 for Impedance graphs.
- 2) Impedance figures are typical values.
- 3) Other sizes available by special order.
- 4) Packaging information is only a guide & subject to variation.

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ALL DIMENSIONS IN MM
GENERAL TOLERANCES ±0.25
UNLESS OTHERWISE STATED
1 DIE MOLD PLACES ±
2 DIE MOLD PLACES ±
ANGULAR ±1°

THIRD ANGLE

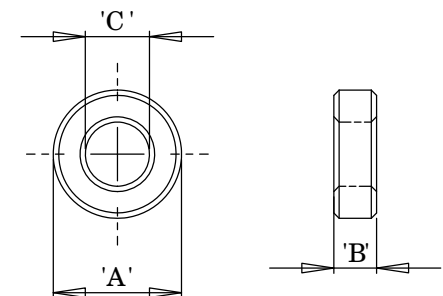
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DESCRIPTION:		RT Toroid Cores.		PART No:	
DRG No:		06-073		NPR No:	
DRN		NJB		DATE	
19/06/06		AS		19/06/06	
SCALE		NTS		SHEET No.	
1 OF 12					

FORM No. 0178/00

A		B			C		
FERRITE MATERIAL: K5B(RMS-303)							
PARTNUMBER	A	B	C	IMPEDANCE (Ω)		STANDARD PACK	
				25MHz	100MHz		
1	16.00	8.00	10.00	29	55	200	
		10.00		43	85	150	
		8.00	12.00	26	48	200	
		15.00		33	58		
2	16.50	13.00	8.20	70	125	120	
		16.00		83	140		
		7.50	9.2	35	70	200	
		10.00	8.00	62	94	98	
3	17.50	5.00	9.50	22	44	200	
		6.00		31	53		
		7.00		30	54		
		11.00		55	96		
4	17.50	13.00	9.50	59	95	100	
		14.00		63	115		
		15.00		70	113	112	
		8.00		10.70	33	60	200
5	18.00	6.00	31	55			
		10.00	10.00	47	77		
		15.00	69	123	100		
		14.27	10.16	70		119	
6	18.67	17.02	10.16	75	125	100	
		10.00		54	102		
		8.00		12.00	32	72	200
		10.00			37	78	100
7	20.00	5.00	10.00	28	68	140	
		8.00		38	62	100	
		10.00		50	82		
		10.00		12.00	40	68	84
8	20.50		10.20	53	86	80	
	21.20	6.00	12.70	27	52	200	
		6.35	13.50	28	53		
		8.00		37	78	100	
9		22.00	7.00	14.00	28	68	84
	8.00		33		73	100	
	10.00		42		90	84	
	12.00		40		85		
10	22.10	12.70	13.72	48	83	100	
	22.50	6.40	13.80	25	47	200	
		12.70		46	71	50	
	11	23.00	6.35	13.50	28	53	200
23.60		14.00	11.40	80	133	60	
		6.00	15.00	26	70	72	
		11.00		43	85	100	
12	25.00	8.00	15.00	38	79		50
		10.00		44	87		
		12.00		53	97	60	
		15.00		61	105		
13	25.40	6.35	12.70	39	80	100	
	25.91	21.30	12.80	106	174	40	
	26.00	12.70	13.00	74	125	50	

D		E		F		
FERRITE MATERIAL: K5B(RMS-303)						
PARTNUMBER	B	A	C	IMPEDANCE (Ω)		STANDARD PACK
				25MHz	100MHz	
RT280-160-75	28.00	7.50	16.00	33	59	100
RT280-160-130		13.00		55	100	50
RT280-160-170		17.00		71	120	
RT280-160-200		20.00		85	155	40
RT290-190-75	29.00	7.50	19.00	26	70	100
RT290-190-77		7.70		33	76	50
RT290-190-138		13.80		46	94	40
RT310-190-70	31.00	7.00		35	77	
RT310-190-80		8.00	30	55		
RT310-190-160		16.00	68	115		
RT310-190-222		22.00	88	146	32	
RT360-250-70	36.00	7.00	25.00	23	63	36
RT360-250-127		13.00		39	84	24
RT406-274-150	40.60	15.00	27.40	55	106	18
RT594-348-128	59.40	12.80	34.80	58	118	10

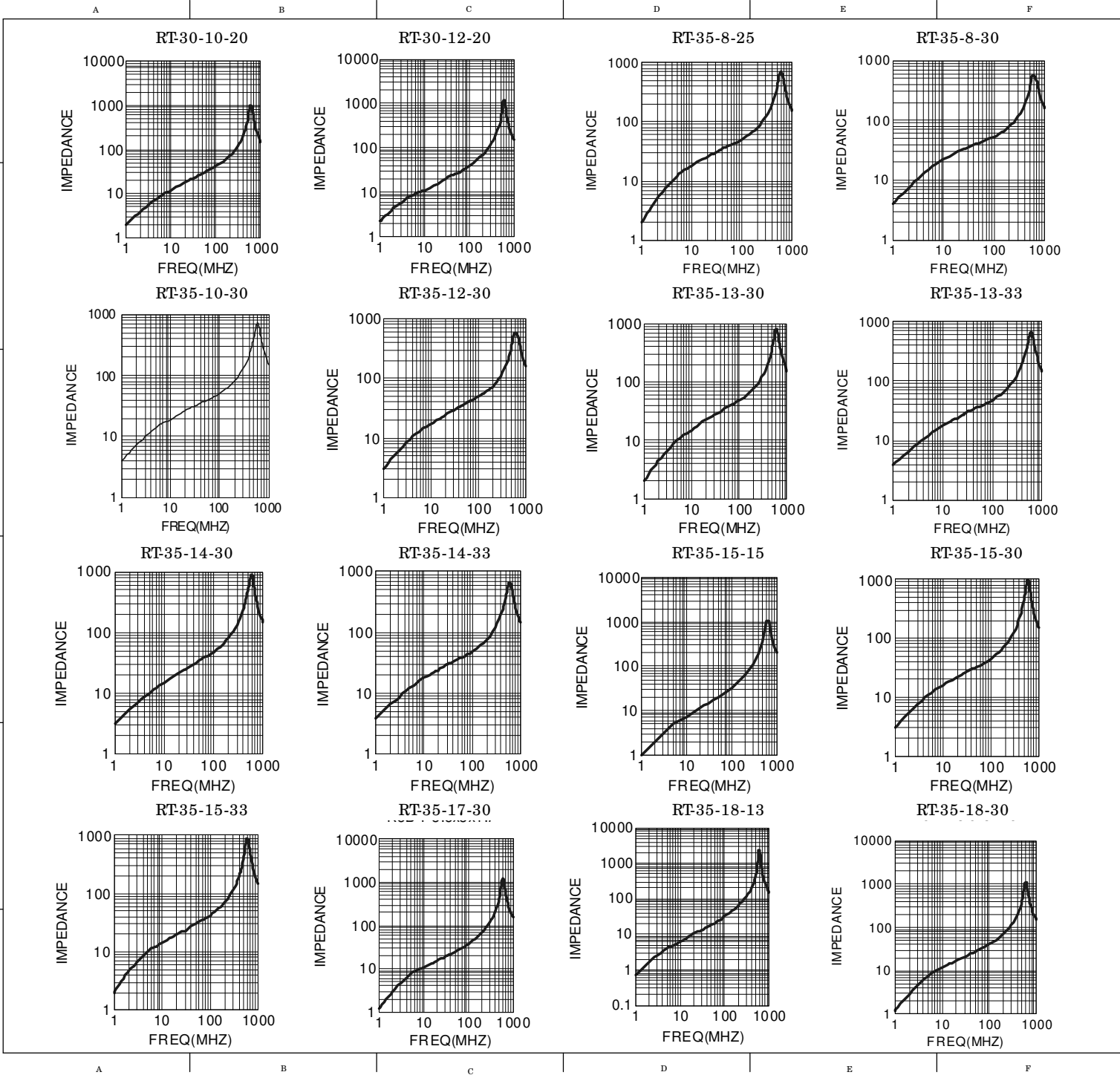
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REV.	MODIFICATION.	DATE	DRN
01	NEW DRAWING	19/06/06	NJB
02	CO2010196	24/04/08	SF
03	CO2010845	20/10/09	OW
04	CO2010989	01/10/10	SF
05	CO2011049	26/01/11	SF
06	CO2011144	17/05/11	SF
07	CO2011253	16/04/12	SF
08	CO2011277	31/07/12	SF



NOTES.

- NOTES:
- 1) See drawings 06-073 sheets 3 of 12 to 12 for Impedance graphs.
 - 2) Impedance figures are typical values.
 - 3) Other sizes available by special order.
 - 4) Packaging information is only a guide & subject to variation.

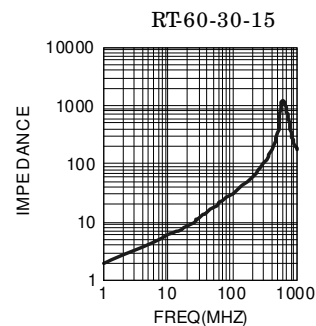
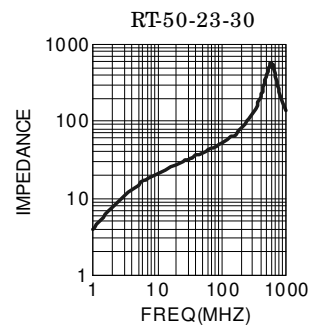
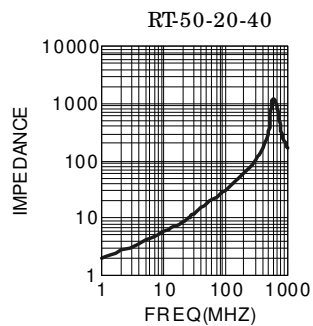
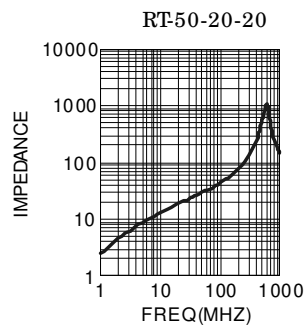
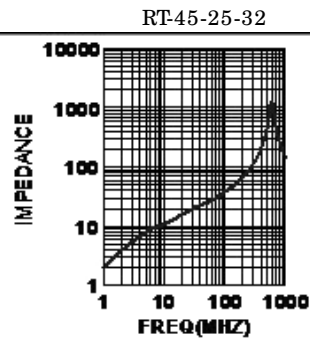
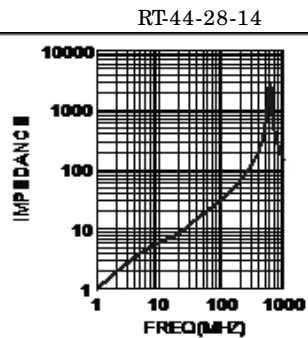
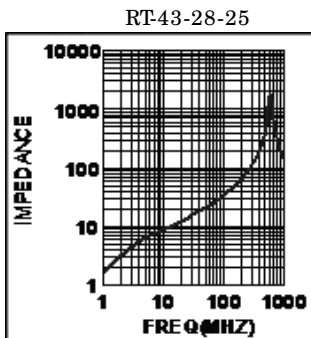
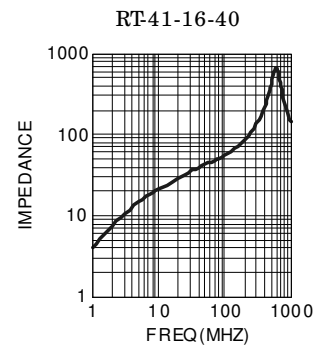
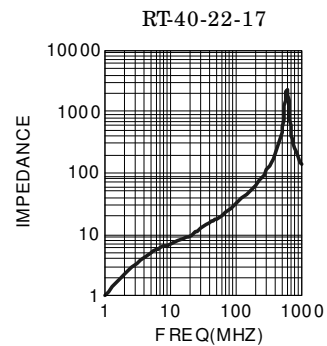
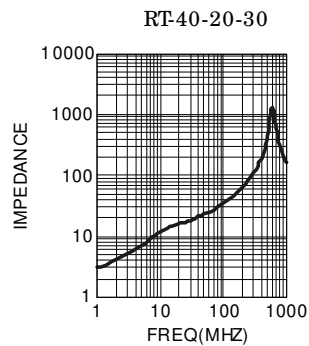
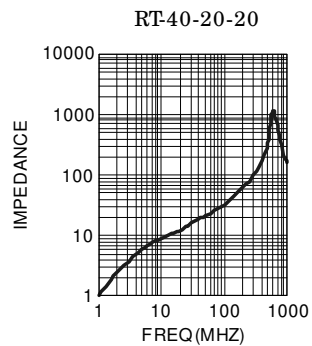
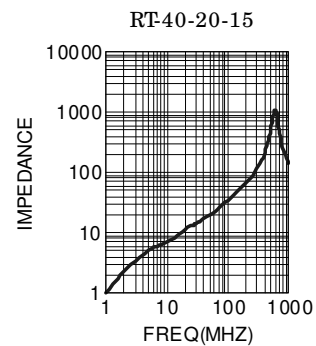
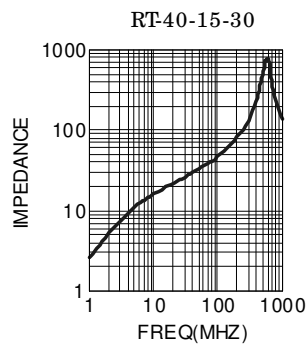
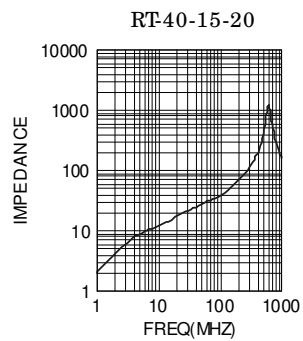
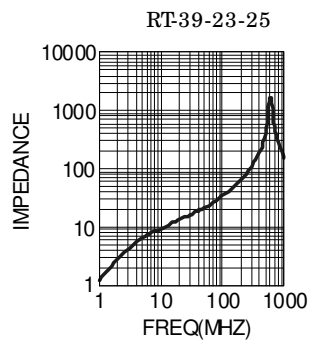
INFO RMATION CONTAINED IN THIS DOCUMENT IS CONFIDENTIAL TO RICHCO INTERNATIONAL Co., Ltd. AND MAY NOT BE DISCLOSED OR REPRODUCED IN WHOLE OR PART WITHOUT THEIR WRITTEN CONSENT							
RICHCO, INC. WWW.RICHCO-INC.COM				ALL DIMENSIONS IN MM GENERAL TOLERANCES ± 0.25 UNLESS OTHERWISE STATED 1 DECIMAL PLACE $\pm$ 2 DECIMAL PLACES $\pm$ ANGULAR $\pm 1^\circ$		THIRD ANGLE 	
MATERIAL: See Table				COLOR:			
DESCRIPTION: RT Toroid Cores.				PART No.: See Table			
DRG No.: 06-073		NPR No.:		Mass(g)		SHEET SIZE A3	
DRN NJB	DATE 19/06/06	CHKD AS	DATE 19/06/06	SCALE NTS	SHEET No.: 2 OF 12		



REV.	MODIFICATION.	DATE	DRN
01	NEW DRAWING	19/06/06	NJB
02	CO2010196	24/04/08	SF
03	CO2010845	20/10/09	OW
04	CO2010989	01/10/10	SF
05	CO2011049	26/01/11	SF
06	CO2011144	17/05/11	SF
07	CO2011253	16/04/12	SF
08	CO2011277	31/07/12	SF

NOTES.
1) Impedance figures are typical values.

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RICHCO, INC. WWW.RICHCO-INC.COM			
DESCRIPTION: RT Toroid Cores, Impedance Graphs.			
DRG No: 06-073		SHEET SIZE A3	
DRN NJB	DATE 30/05/06	CHKD AS	DATE 30/05/06
SCALE NTS		SHEET No. 3 OF 12	



REV.	MODIFICATION.	DATE	DRN
01	NEW DRAWING	19/06/06	NJB
02	CO2010196	24/04/08	SF
03	CO2010845	20/10/09	OW
04	CO2010989	01/10/10	SF
05	CO2011049	26/01/11	SF
06	CO2011144	17/05/11	SF
07	CO2011253	16/04/12	SF
08	CO2011277	31/07/12	SF

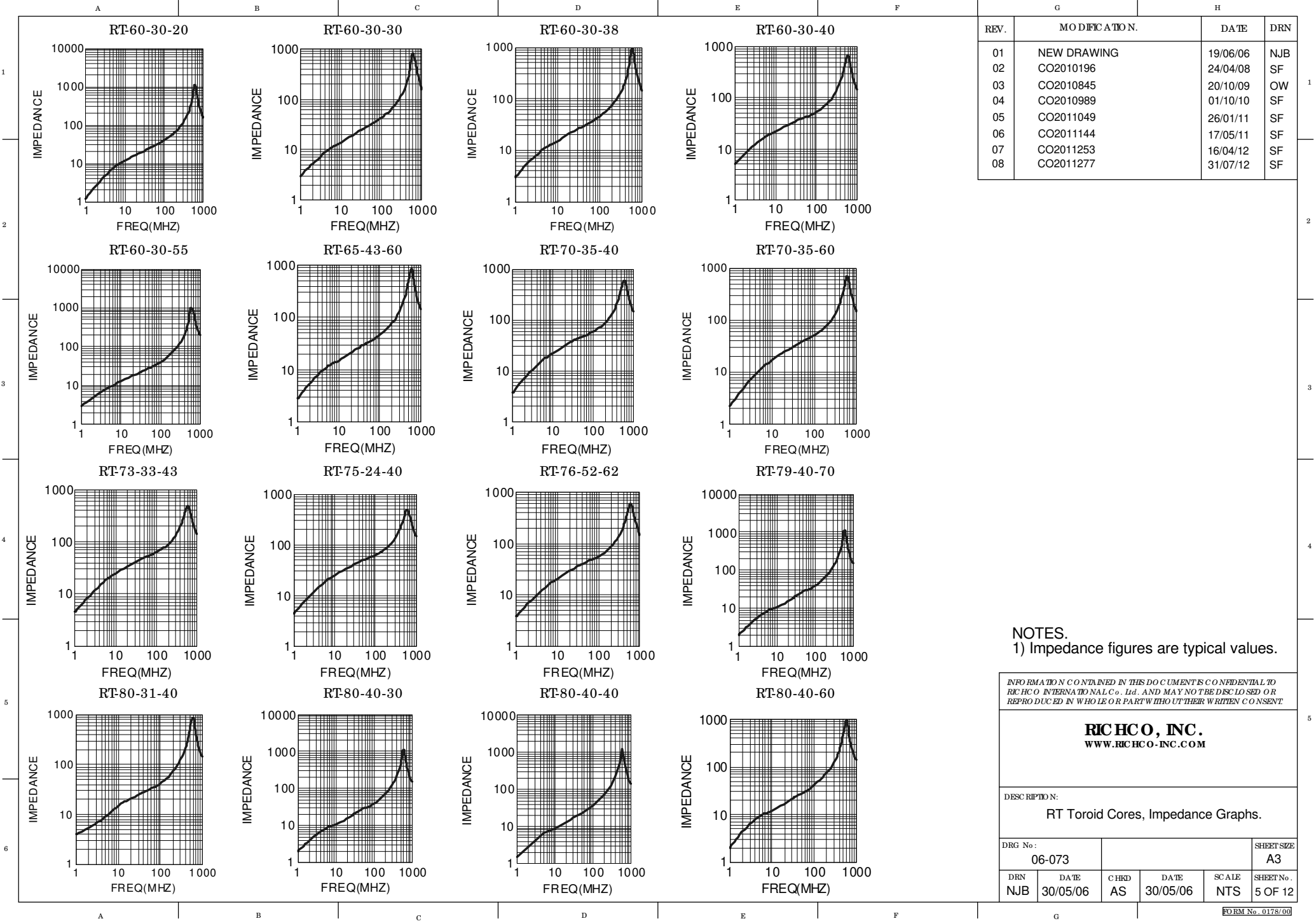
NOTES.
1) Impedance figures are typical values.

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DESCRIPTION:	RT Toroid Cores, Impedance Graphs.
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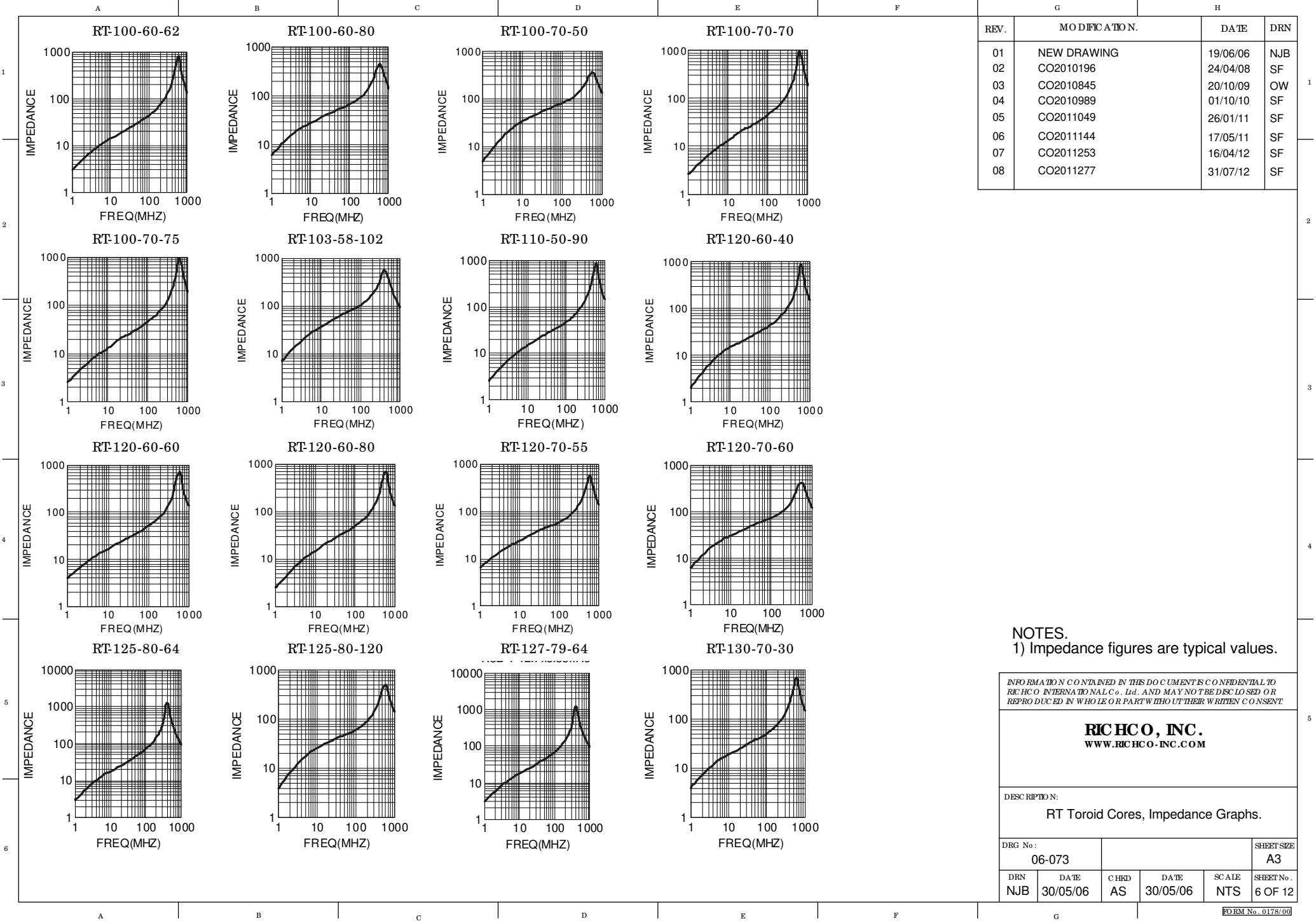
DRG No: 06-073					SHEET SIZE A3
DRN NJB	DATE 30/05/06	CHKD AS	DATE 30/05/06	SCALE NTS	SHEET No. 4 OF 12

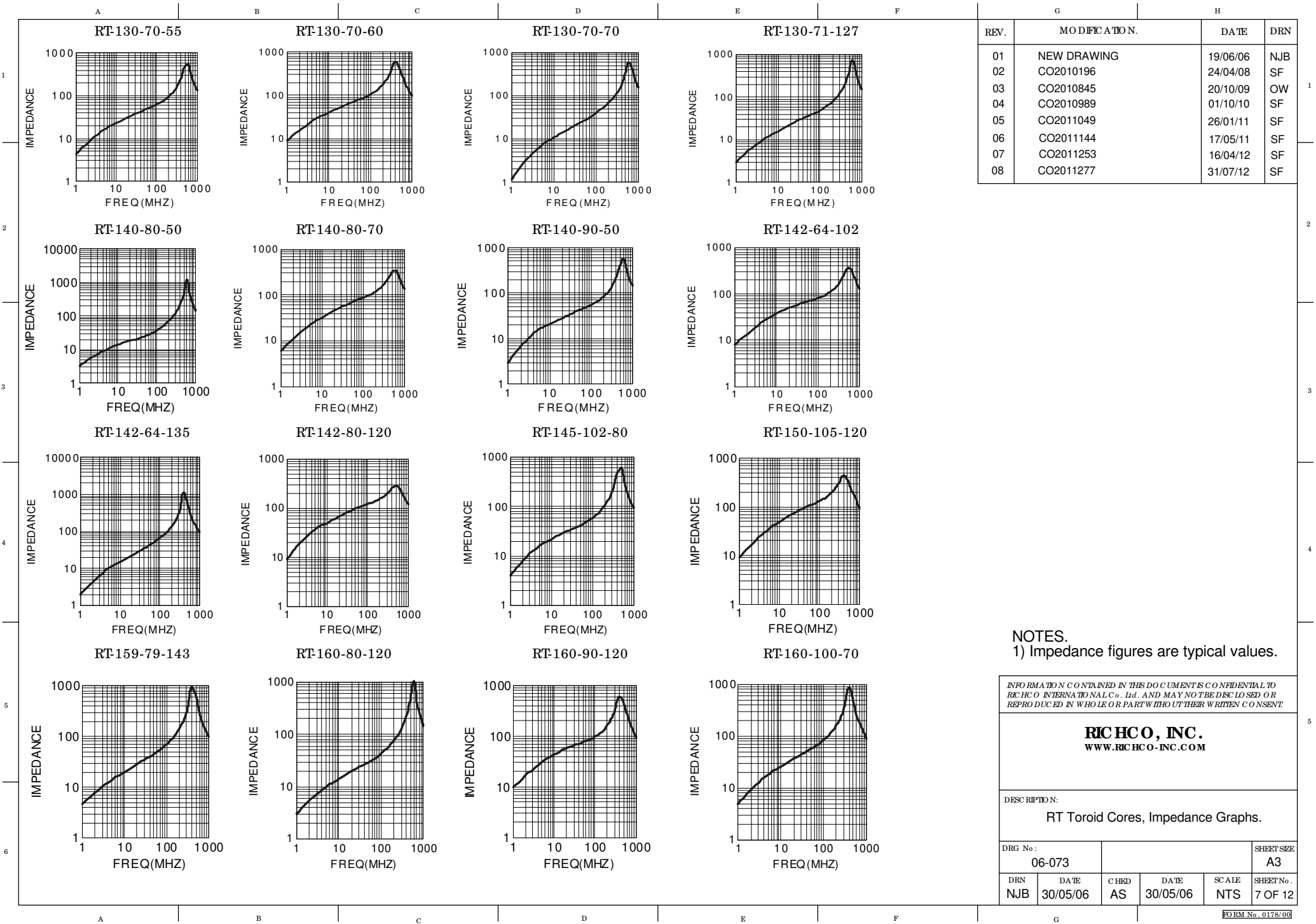


REV.	MODIFICATION.	DATE	DRN
01	NEW DRAWING	19/06/06	NJB
02	CO2010196	24/04/08	SF
03	CO2010845	20/10/09	OW
04	CO2010989	01/10/10	SF
05	CO2011049	26/01/11	SF
06	CO2011144	17/05/11	SF
07	CO2011253	16/04/12	SF
08	CO2011277	31/07/12	SF

NOTES.
1) Impedance figures are typical values.

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RICHCO, INC. WWW.RICHCO-INC.COM				
DESCRIPTION: RT Toroid Cores, Impedance Graphs.				
DRG No: 06-073				SHEET SIZE A3
DRN NJB	DATE 30/05/06	CHKD AS	DATE 30/05/06	SCALE NTS SHEET No. 5 OF 12

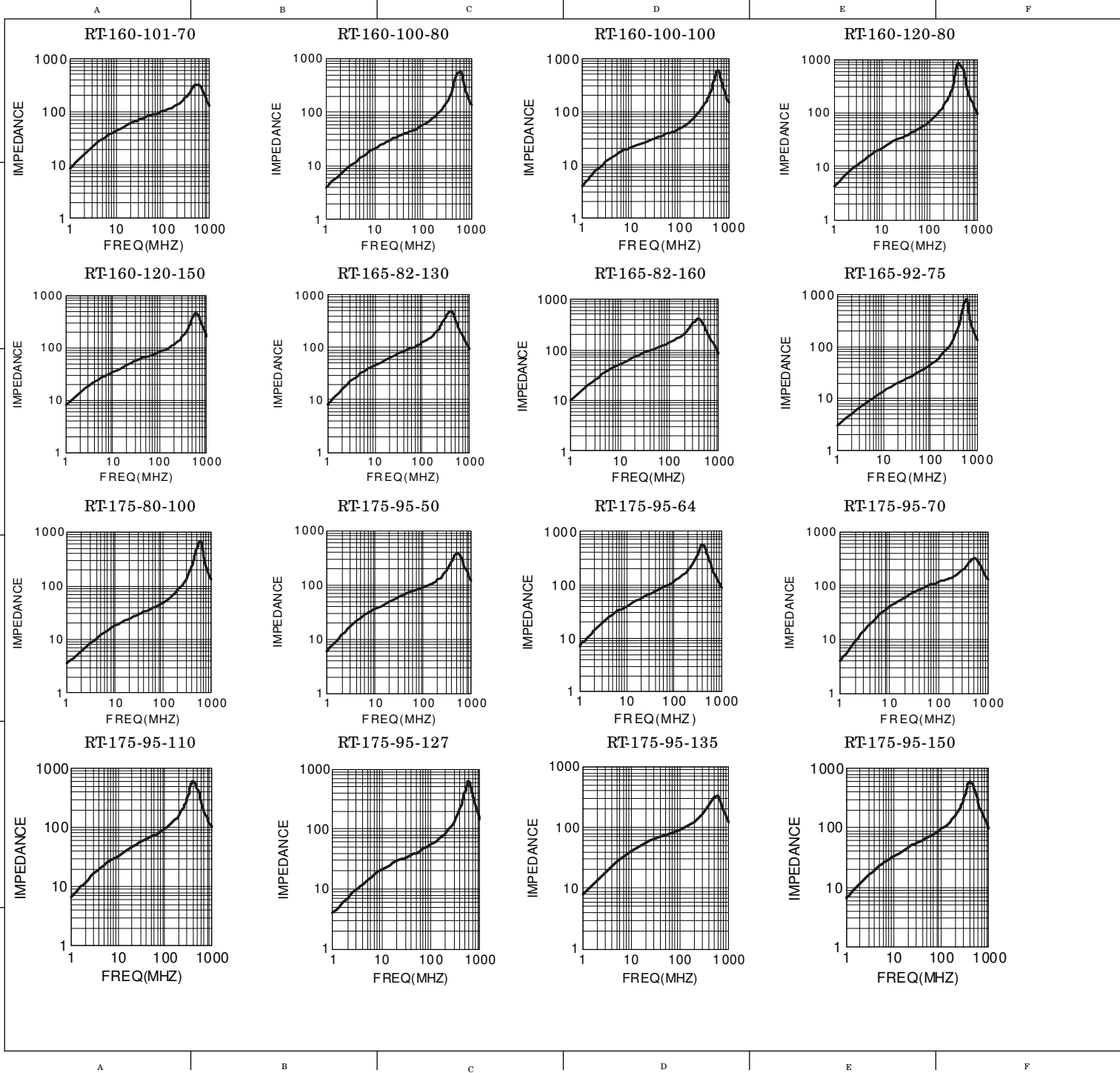




REV.	MODIFICATION.	DATE	DRN
01	NEW DRAWING	19/06/06	NJB
02	CO2010196	24/04/08	SF
03	CO2010845	20/10/09	OW
04	CO2010989	01/10/10	SF
05	CO2011049	26/01/11	SF
06	CO2011144	17/05/11	SF
07	CO2011253	16/04/12	SF
08	CO2011277	31/07/12	SF

NOTES.
1) Impedance figures are typical values.

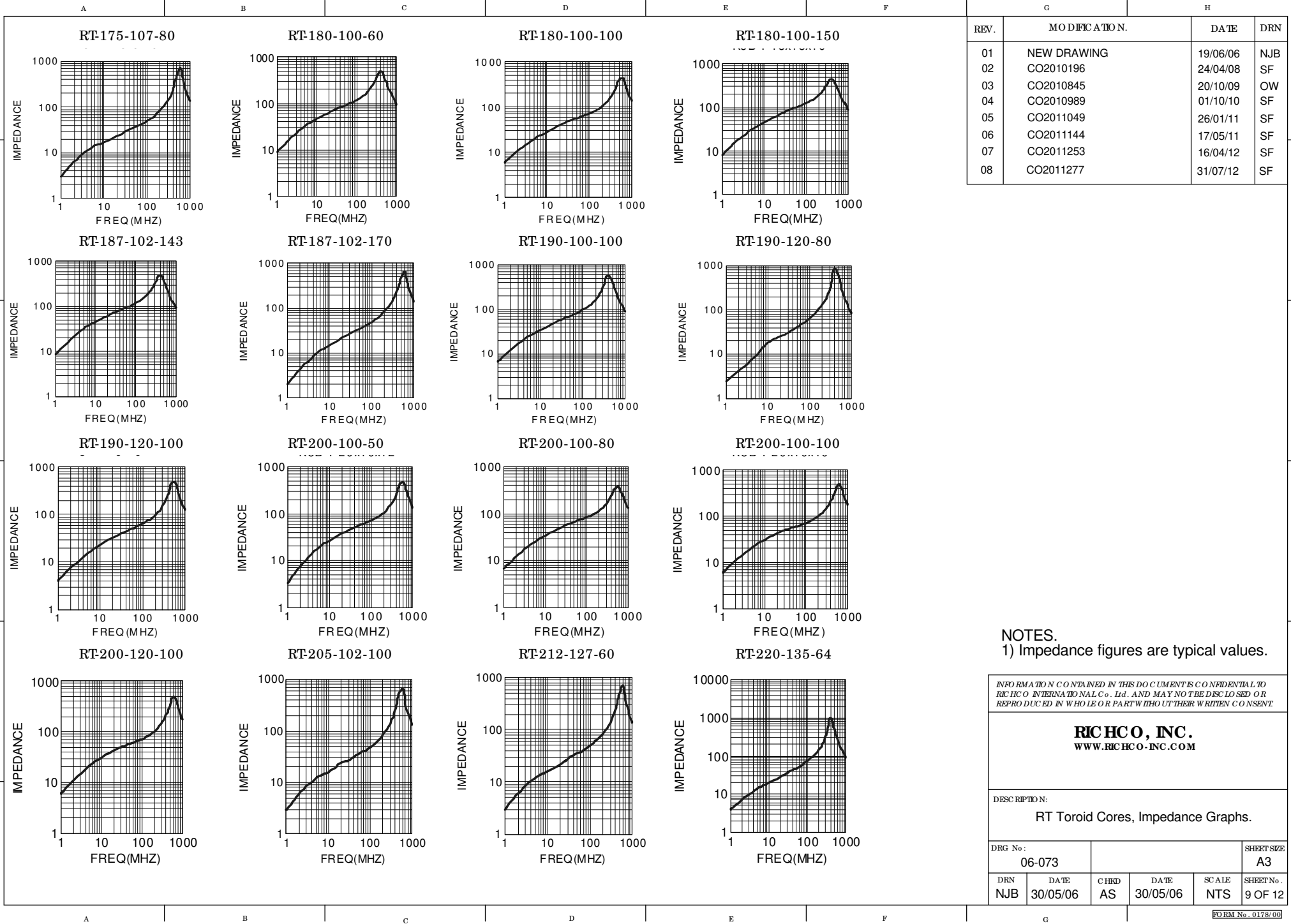
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RICHCO, INC. WWW.RICHCO-INC.COM				
DESCRIPTION: RT Toroid Cores, Impedance Graphs.				
DRG No: 06-073				SHEET SIZE A3
DRN NJB	DATE 30/05/06	CHKD AS	DATE 30/05/06	SCALE NTS SHEET No. 7 OF 12

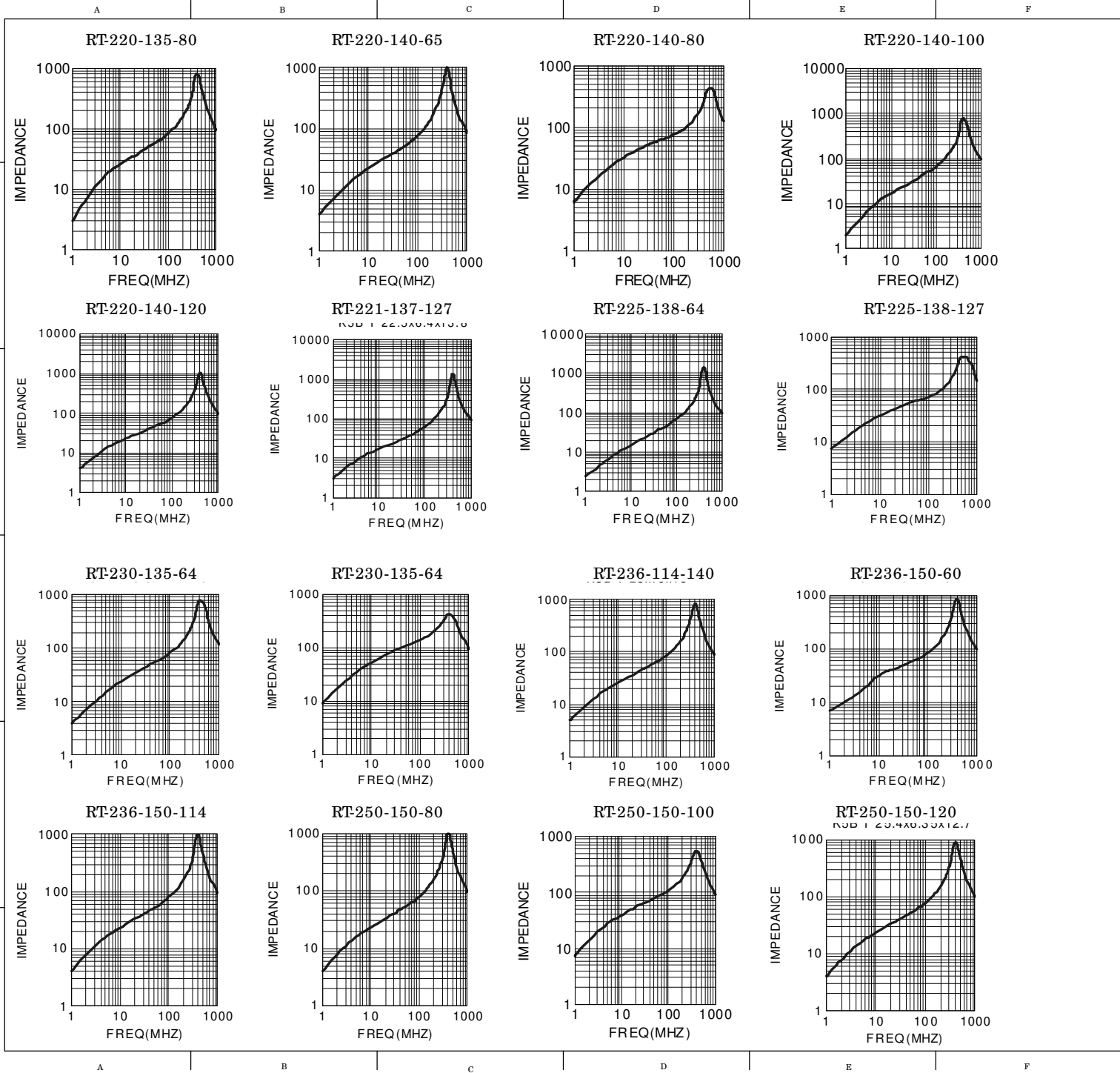


G		H	
REV.	MODIFICATION.	DATE	DRN
01	NEW DRAWING	19/06/06	NJB
02	CO2010196	24/04/08	SF
03	CO2010845	20/10/09	OW
04	CO2010989	01/10/10	SF
05	CO2011049	26/01/11	SF
06	CO2011144	17/05/11	SF
07	CO2011253	16/04/12	SF
08	CO2011277	31/07/12	SF

NOTES.
1) Impedance figures are typical values.

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DESCRIPTION: RT Toroid Cores, Impedance Graphs.					
DRG No: 06-073		SHEET SIZE A3			
DRN NJB	DATE 30/05/06	CHKD AS	DATE 30/05/06	SCALE NTS	SHEET No. 8 OF 12





REV.	MODIFICATION.	DATE	DRN
01	NEW DRAWING	19/06/06	NJB
02	CO2010196	24/04/08	SF
03	CO2010845	20/10/09	OW
04	CO2010989	01/10/10	SF
05	CO2011049	26/01/11	SF
06	CO2011144	17/05/11	SF
07	CO2011253	16/04/12	SF
08	CO2011277	31/07/12	SF

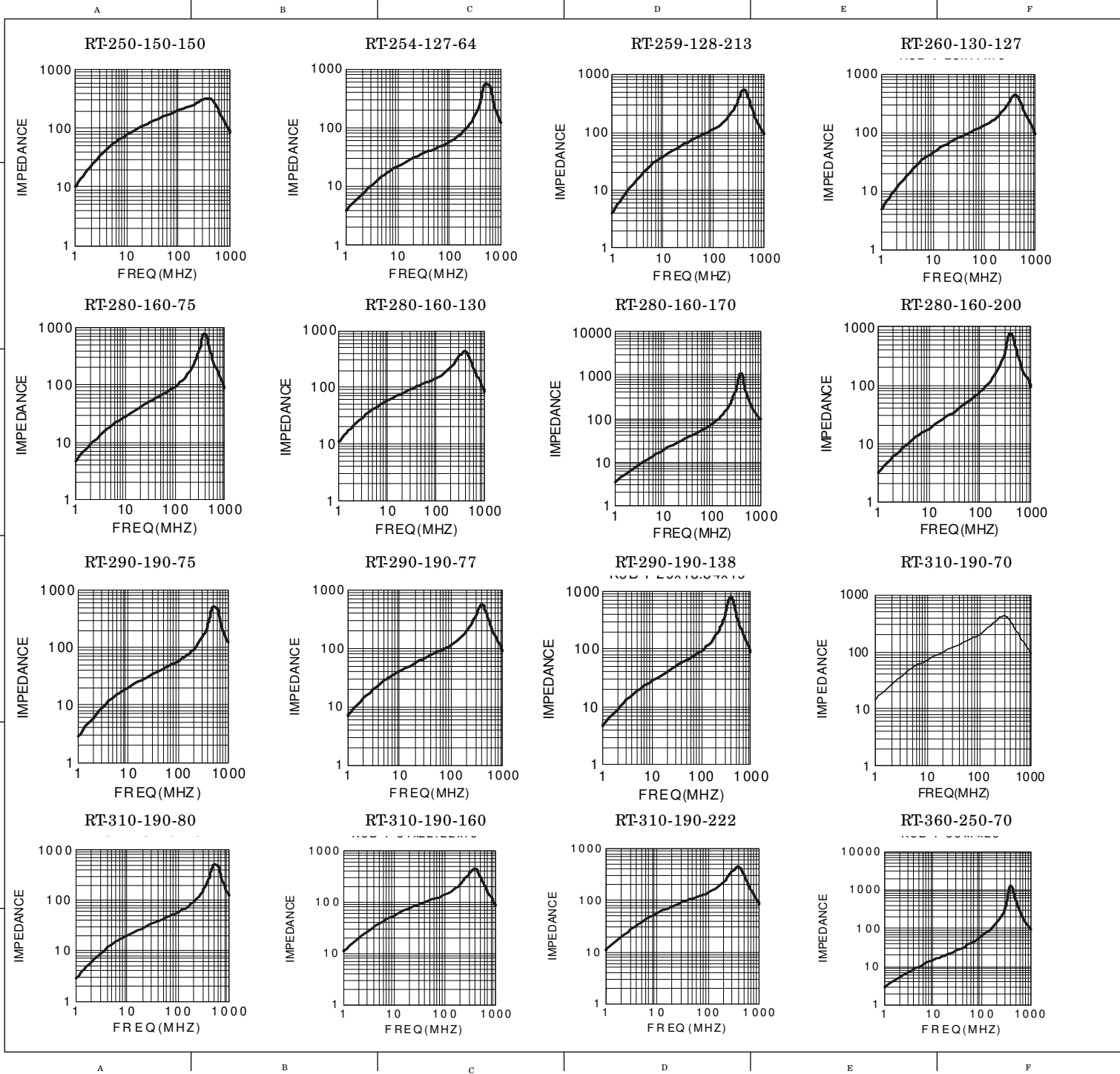
NOTES.
1) Impedance figures are typical values.

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DESCRIPTION:
RT Toroid Cores, Impedance Graphs.

DRG No: 06-073					SHEET SIZE A3
DRN NJB	DATE 30/05/06	CHKD AS	DATE 30/05/06	SCALE NTS	SHEET No. 10 OF 12



G		H	
REV.	MODIFICATION.	DATE	DRN
01	NEW DRAWING	19/06/06	NJB
02	CO2010196	24/04/08	SF
03	CO2010845	20/10/09	OW
04	CO2010989	01/10/10	SF
05	CO2011049	26/01/11	SF
06	CO2011144	17/05/11	SF
07	CO2011253	16/04/12	SF
08	CO2011277	31/07/12	SF

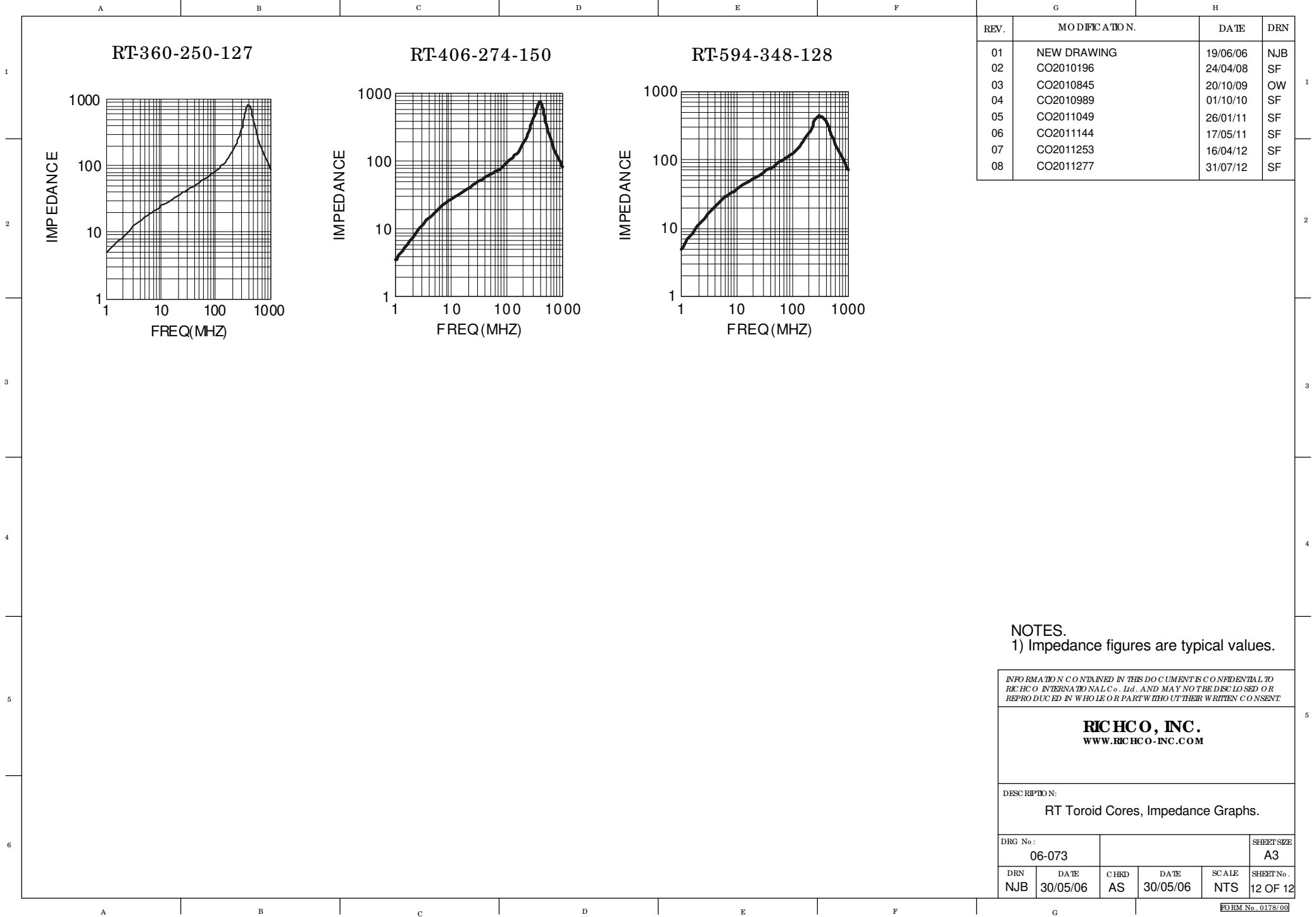
NOTES.
1) Impedance figures are typical values.

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DESCRIPTION:
RT Toroid Cores, Impedance Graphs.

DRG No: 06-073		SHEET SIZE A3	
DRN NJB	DATE 30/05/06	CHKD AS	DATE 30/05/06
SCALE NTS		SHEET No. 11 OF 12	



REV.	MODIFICATION.	DATE	DRN
01	NEW DRAWING	19/06/06	NJB
02	CO2010196	24/04/08	SF
03	CO2010845	20/10/09	OW
04	CO2010989	01/10/10	SF
05	CO2011049	26/01/11	SF
06	CO2011144	17/05/11	SF
07	CO2011253	16/04/12	SF
08	CO2011277	31/07/12	SF

NOTES.
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DESCRIPTION:
RT Toroid Cores, Impedance Graphs.

DRG No:
06-073

DRN
NJB

DATE
30/05/06

CHKD
AS

DATE
30/05/06

SCALE
NTS

SHEET No.
12 OF 12

SHEET SIZE
A3

FORM No. 0178/00