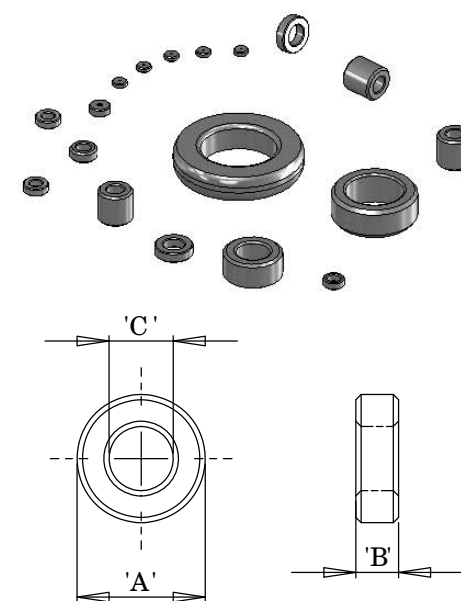


A						B		C		D		E		F		G		H																											
FERRITE MATERIAL: K5B(RMS-303)										FERRITE MATERIAL K5B(RMS-303)										REV.	MODIFICATION.		DATE	DRN																					
PARTNUMBER		A	B	C	IMPEDANCE (Ω)		STANDARD PACK	PARTNUMBER		A	B	C	IMPEDANCE (Ω)		STANDARD PACK	NEW DRAWING		19/06/06		NJB																									
					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	02		24/04/08		SF																									
RT-30-12-20				1.20	17	38		RT-85-50-30		8.50	3.00	5.00	16	34	1000	03		20/10/09		OW																									
RT-35-8-25		1	25	52	RT-90-50-30			9.00	8.00	38			64	500		04		01/10/10		SF																									
RT-35-8-30		0.80	31	53	RT-90-50-80			8.00	6.35	4.50	32	50	1000		05		26/01/11		SF																										
RT-35-10-30		1.00	29	50	RT-93-45-64			9.30	7.20	6.30	22	42		500	06		17/05/11		SF																										
RT-35-12-30		1.20	25	45	RT-94-63-72			9.40	4.57	4.60	27	47	1000		07		16/04/12		SF																										
RT-35-13-30		3.25	1.30	26	47	RT-95-46-46		9.50	3.30	4.80	22	45		500	08		31/07/12		SF																										
RT-35-13-33				22	48	RT-95-48-33			4.80	5.00	26	49	1000																																
RT-35-14-30		3.50	3.00	1.40	26	49		RT-95-50-48		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		500																																
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		22	41			500																															
RT-35-18-13		3.00	1.80	18	37	RT-100-60-62		6.20		25	49				500																														
RT-35-18-30		3.94	2.54	2.29	15	36		RT-100-60-80		8.00	33					60	500																												
RT-39-23-25					19	39		RT-100-70-50		5.00	17					39		500																											
RT-40-15-20					3.00	1.50		23		45	RT-100-70-70					7.00			7.00	22	44	500																							
RT-40-15-30					1.50	13		35		RT-100-70-75						7.50			25	46	500																								
RT-40-20-15					2.00	2.00		14		37	RT-103-58-102					10.30			10.20	5.80			40	67	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			24	48			500																						
RT-40-22-17					4.10	4.00		1.60		31	55					RT-120-60-60			6.00	6.00				34			58	500																	
RT-41-16-40					4.30	2.50		2.80		13	35					RT-120-60-80			8.00	46				77			500																		
RT-43-28-25					4.40	1.40	12	32		5000	RT-120-70-55					5.50			7.00	26				49					500																
RT-44-28-14					4.50	3.20	2.50	18		37	RT-120-70-60					6.00			28	48				500																					
RT-45-25-32					2.00	17	37	RT-125-80-64		12.50	6.35					8.00			36	58										500															
RT-50-20-20					4.00	2.00	30	46		RT-125-80-120						12.00			8.00	26											68	500													
RT-50-20-40					3.00	2.30	19	39		RT-127-79-64						12.70			6.35	7.90											26		68	500											
RT-50-23-30					1.50	10	31	RT-130-70-30		13.00	3.00					7.00			17	39											500														
RT-60-30-15					2.00	15	35	RT-130-70-55			5.50								27	50													300												
RT-60-30-20					3.00	21	40	RT-130-70-60			6.00								28	51													500												
RT-60-30-30					3.80	22	43	RT-130-70-70			7.00								32	56													200												
RT-60-30-38					4.00	24	44	RT-130-71-127			12.70								7.10	60															106										
RT-60-30-40					5.50	31	51	RT-140-80-50			14.00								5.00	8.00															26	50	200								
RT-60-30-55					6.50	6.00	4.30	21	42		RT-140-80-70		7.00						28	50															200										
RT-65-43-60					7.00	4.00	3.50	23	46		RT-140-90-50		5.00						9.00	19																37		200							
RT-70-35-40					6.00	34	59	RT-142-64-102			14.20	10.16	6.35	57					95	200																									
RT-70-35-60					7.30	4.30	3.30	27	50		RT-142-64-135		13.50	75	125				200																										
RT-73-33-43		7.50	4.00	2.40	32	62	RT-142-80-120		12.00		8.00	49	76	200																															
RT-75-24-40		7.60	6.20	5.20	21	40	RT-145-102-80		14.50		8.00	10.20	29		69		200																												
RT-76-52-62		7.90	7.00	4.00	33	57	RT-150-105-120		15.00		12.00	10.50	37		62			200																											
RT-79-40-70		4.00	3.10	52	RT-159-79-143		15.88	14.27	7.87		79	121	200																																
RT-80-31-40		3.00	17	37	RT-160-80-120		16.00	12.00	8.00		59	95			200																														
RT-80-40-30		4.00	23	46	RT-160-90-120		16.00	12.00	9.00		55	87									200																								
RT-80-40-40		6.00	33	57	RT-160-100-70		16.00	7.00	10.00		32	71										200																							
RT-80-40-60		5.00	6.00	15	36																																								
RT-80-60-50																																													



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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RICHCO, INC.
WWW.RICHCO-INC.COM

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

THIRD ANGLE

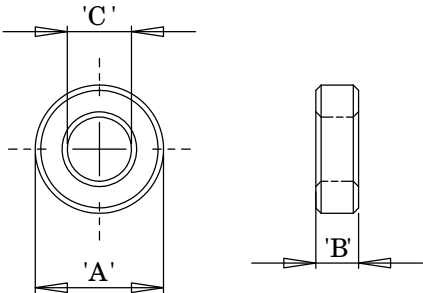
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DESCRIPTION:		RT Toroid Cores.		PART No:	
DRG No:		06-073		NPR No:	
DRN		NJB		DATE	
DATE		19/06/06		SCALE	
NTS		1 OF 12		SHEET No.	
1 OF 12					

FORM No. 0178/00

A		B			C		
FERRITE MATERIAL: K5B(RMS-303)							
PARTNUMBER	A	B	C	IMPEDANCE (Ω)		STANDARD PACK	
				25MHz	100MHz		
RT-160-100-80	16.00	8.00	10.00	29	55	200	
RT-160-100-100		10.00		43	85	150	
RT-160-120-80		8.00	12.00	26	48	200	
RT-160-120-150		15.00		33	58		
RT-165-82-130	16.50	13.00	8.20	70	125	120	
RT-165-82-160		16.00		83	140		
RT-165-92-75		7.50	9.2	35	70	200	
RT-175-80-100	17.50	10.00	8.00	62	94	98	
RT-175-95-50		5.00	10.00	22	44	200	
RT-175-95-64		6.00	9.50	31	53		
RT-175-95-70		7.00		30	54		
RT-175-95-110		11.00		55	96		
RT-175-95-127		13.00		59	95	100	
RT-175-95-135		14.00		63	115		
RT-175-95-150		15.00	70	113	112		
RT-175-107-80		18.00	8.00	10.70	33	60	200
RT-180-100-60			6.00	10.00	31	55	
RT-180-100-100	10.00	47	77		100		
RT-180-100-150	15.00	69	123				
RT-187-102-143	18.67	14.27	10.16	70		119	
RT-187-102-170		17.02		75		125	
RT-190-100-100	19.00	10.00	10.00	54	102	200	
RT-190-120-80		8.00	12.00	32	72		
RT-190-120-100		10.00		37	78		100
RT-200-100-50	20.00	5.00	10.00	28	68	140	
RT-200-100-80		8.00		38	62	100	
RT-200-100-100				50	82		
RT-200-120-100		10.00		40	68	84	
RT-205-102-100	20.50		10.20	53	86	80	
RT-212-127-60	21.20	6.00	12.70	27	52	200	
RT-220-135-64		6.35	13.50	28	53		
RT-220-135-80		8.00		37	78	100	
RT-220-140-65		22.00	7.00	14.00	28	68	84
RT-220-140-80			8.00		33	73	100
RT-220-140-100			10.00		42	90	84
RT-220-140-120			12.00		40	85	
RT-221-137-127	22.10	12.70	13.72		48	83	100
RT-225-138-64	22.50	6.40	13.80	25	47	200	
RT-225-138-127		12.70		46	71	50	
RT-230-135-64	23.00	6.35	13.50	28	53	200	
RT-236-114-140	23.60	14.00	11.40	80	133	60	
RT-236-150-60		6.00	15.00	26	70	72	
RT-236-150-114		11.00		43	85	100	
RT-250-150-80	8.00	38		79			
RT-250-150-100	25.00	10.00		44	87	50	
RT-250-150-120		12.00		53	97	60	
RT-250-150-150		15.00	61	105			
RT-254-127-64	25.40	6.35	12.70	39	80	100	
RT-259-128-213	25.91	21.30	12.80	106	174	40	
RT-260-130-127	26.00	12.70	13.00	74	125	50	

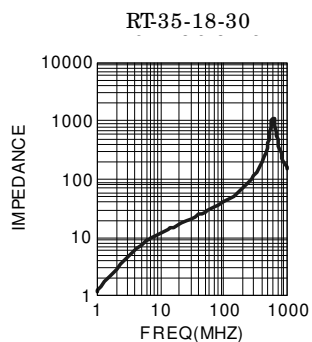
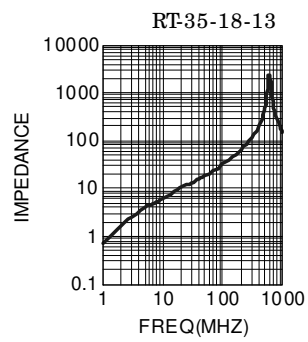
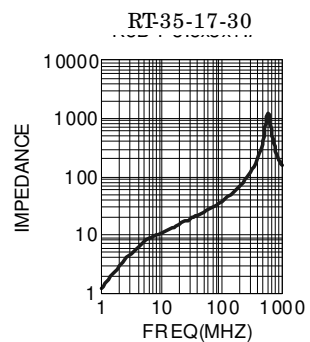
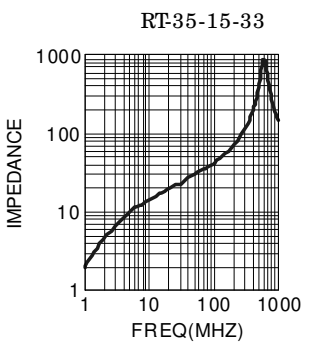
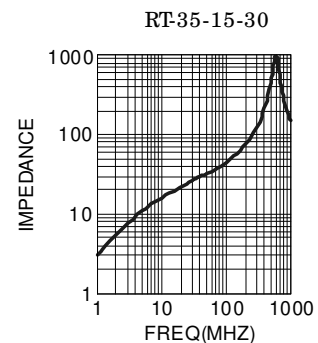
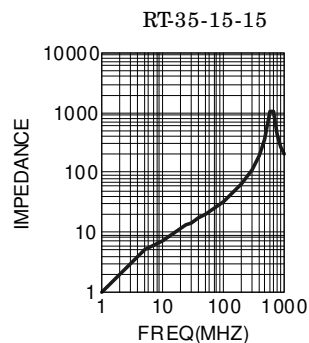
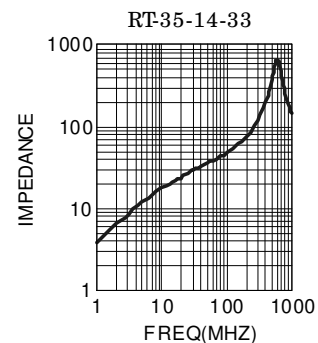
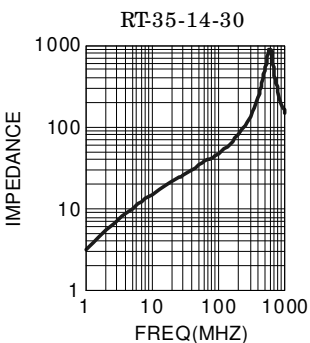
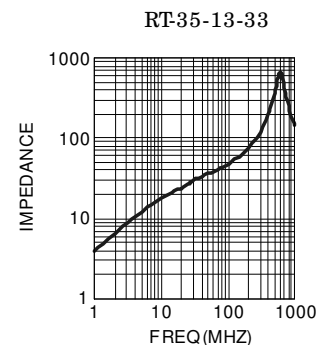
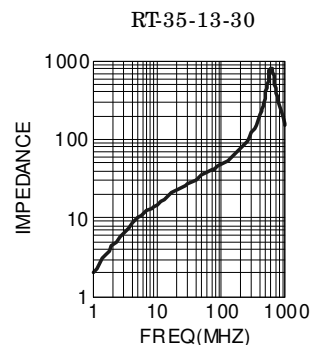
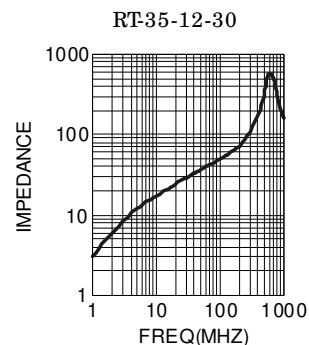
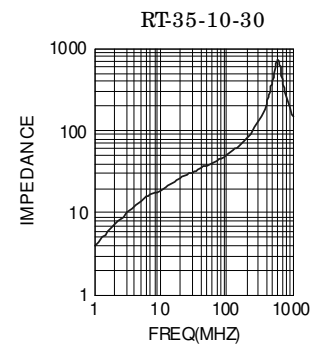
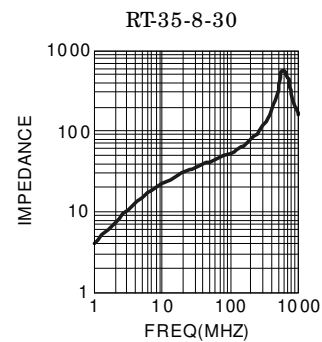
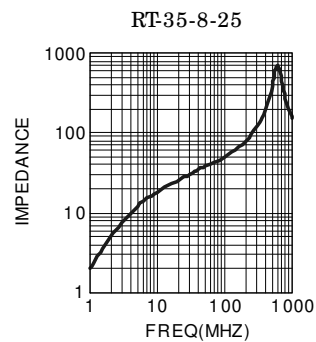
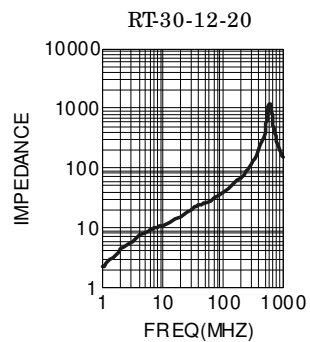
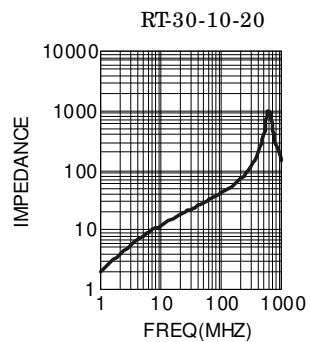
D		E			F	
FERRITE MATERIAL: K5B(RMS-303)						
PARTNUMBER	B	A	C	IMPEDANCE (Ω)		STANDARD PACK
				25MHZ	100MHZ	
RT280-160-75	28.00	7.50	16.00	33	59	100
RT280-160-130		13.00		55	100	50
RT280-160-170		17.00		71	120	
RT280-160-200		20.00		85	155	40
RT290-190-75	29.00	7.50	19.00	26	70	100
RT290-190-77		7.70		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

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) 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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RICHCO, INC. WWW.RICHCO-INC.COM			ALL DIMENSIONS IN MM GENERAL TOLERANCES ±0.25 UNLESS OTHERWISE STATED 1 DECIMAL PLACE ± 2 DECIMAL PLACES ± ANGULAR ±1°		THIRD ANGLE
MATERIAL: See Table			COLOUR:		
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

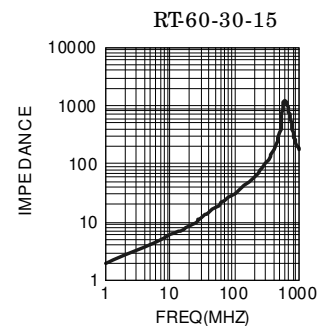
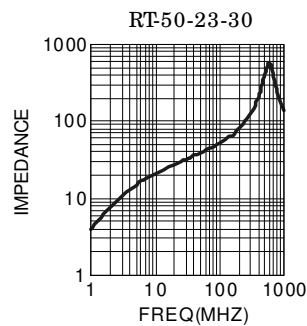
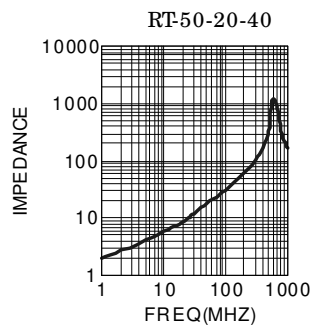
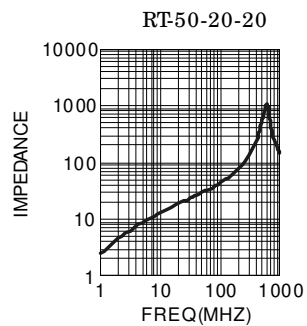
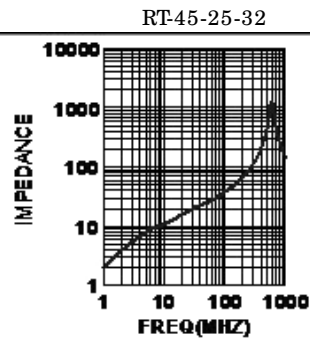
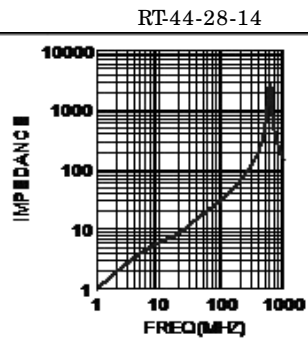
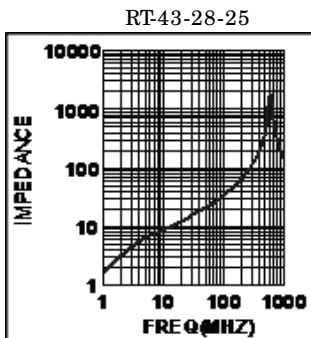
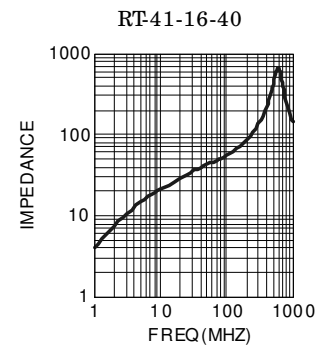
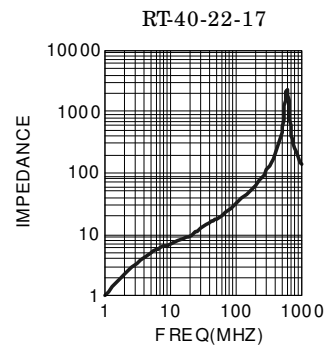
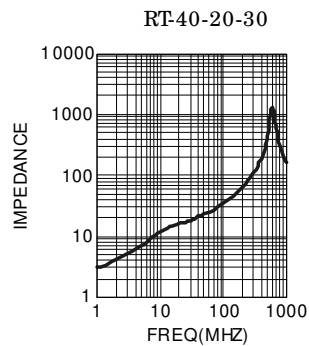
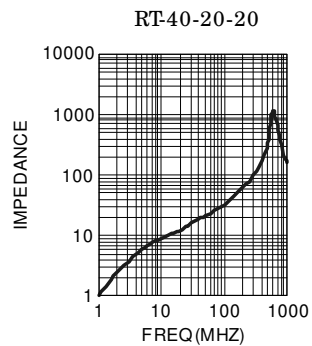
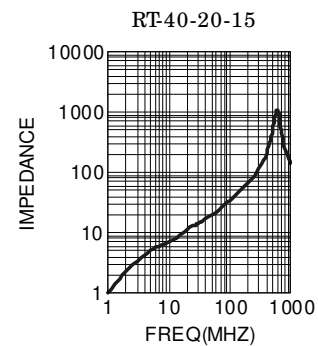
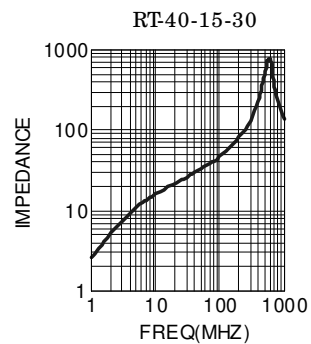
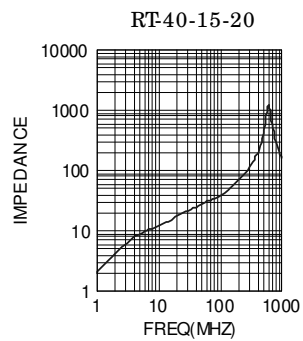
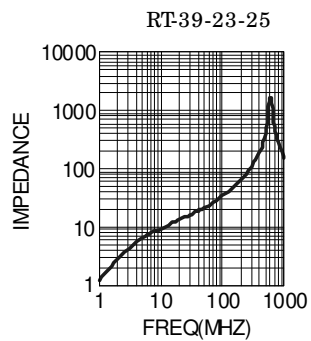
NOTES.
1) Impedance figures are typical values.

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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

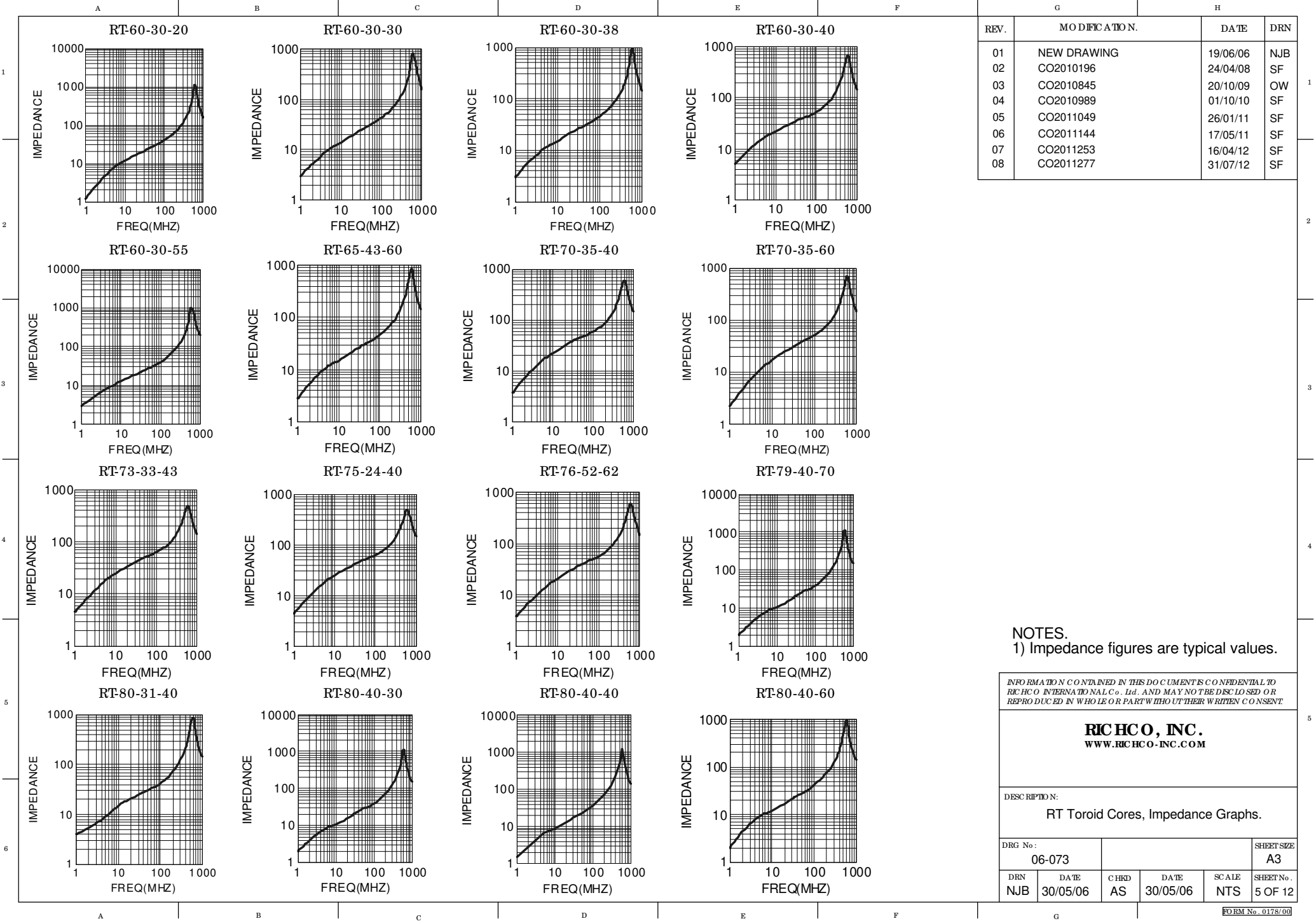
NOTES.
1) Impedance figures are typical values.

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DESCRIPTION:
RT Toroid Cores, Impedance Graphs.

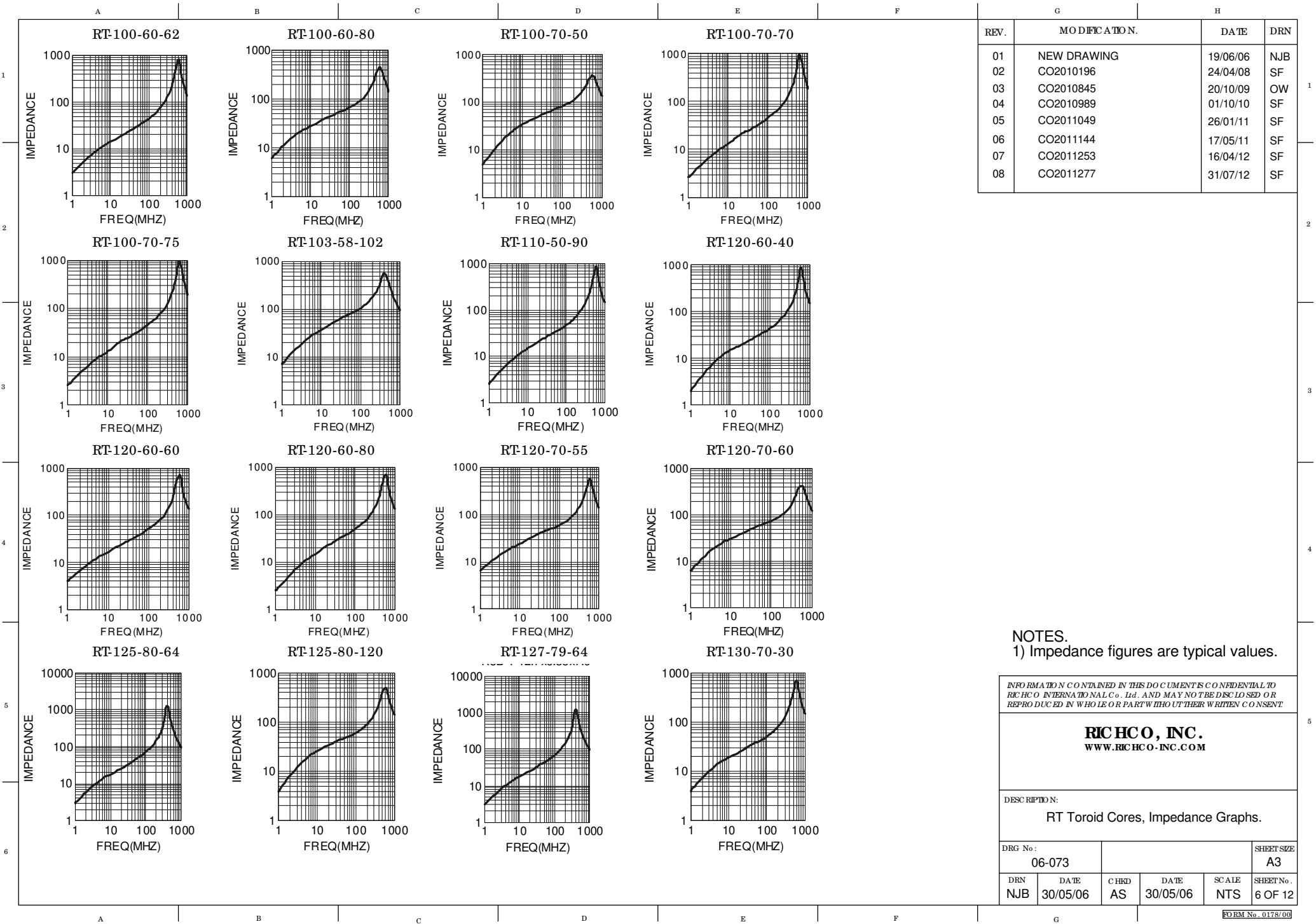
DRG No: 06-073					SHEET SIZE A3
DRN NJB	DATE 30/05/06	CHKD AS	DATE 30/05/06	SCALE NTS	SHEET No. 4 OF 12



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
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07	CO2011253	16/04/12	SF
08	CO2011277	31/07/12	SF

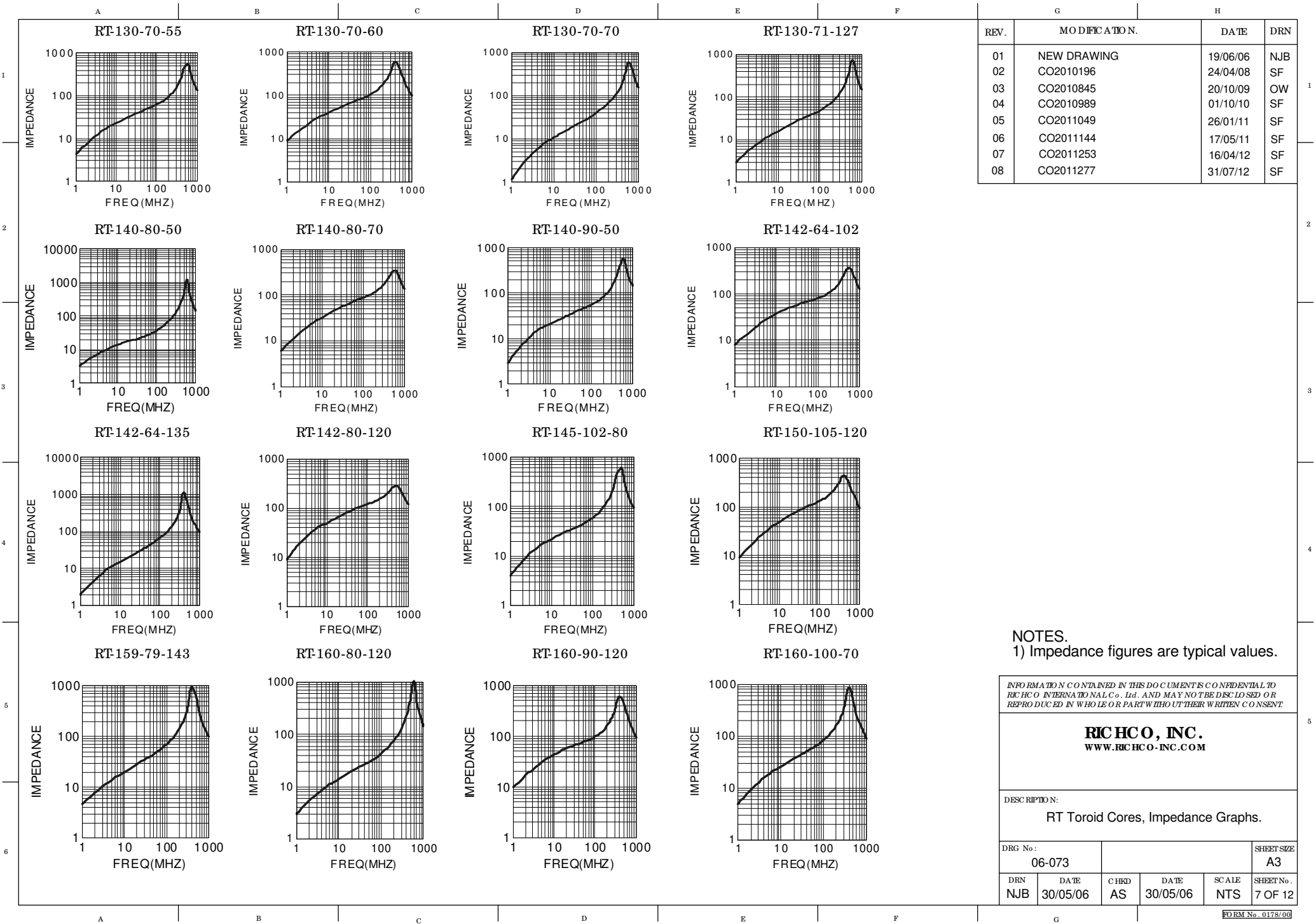
NOTES.
1) Impedance figures are typical values.

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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. 5 OF 12



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. 6 OF 12



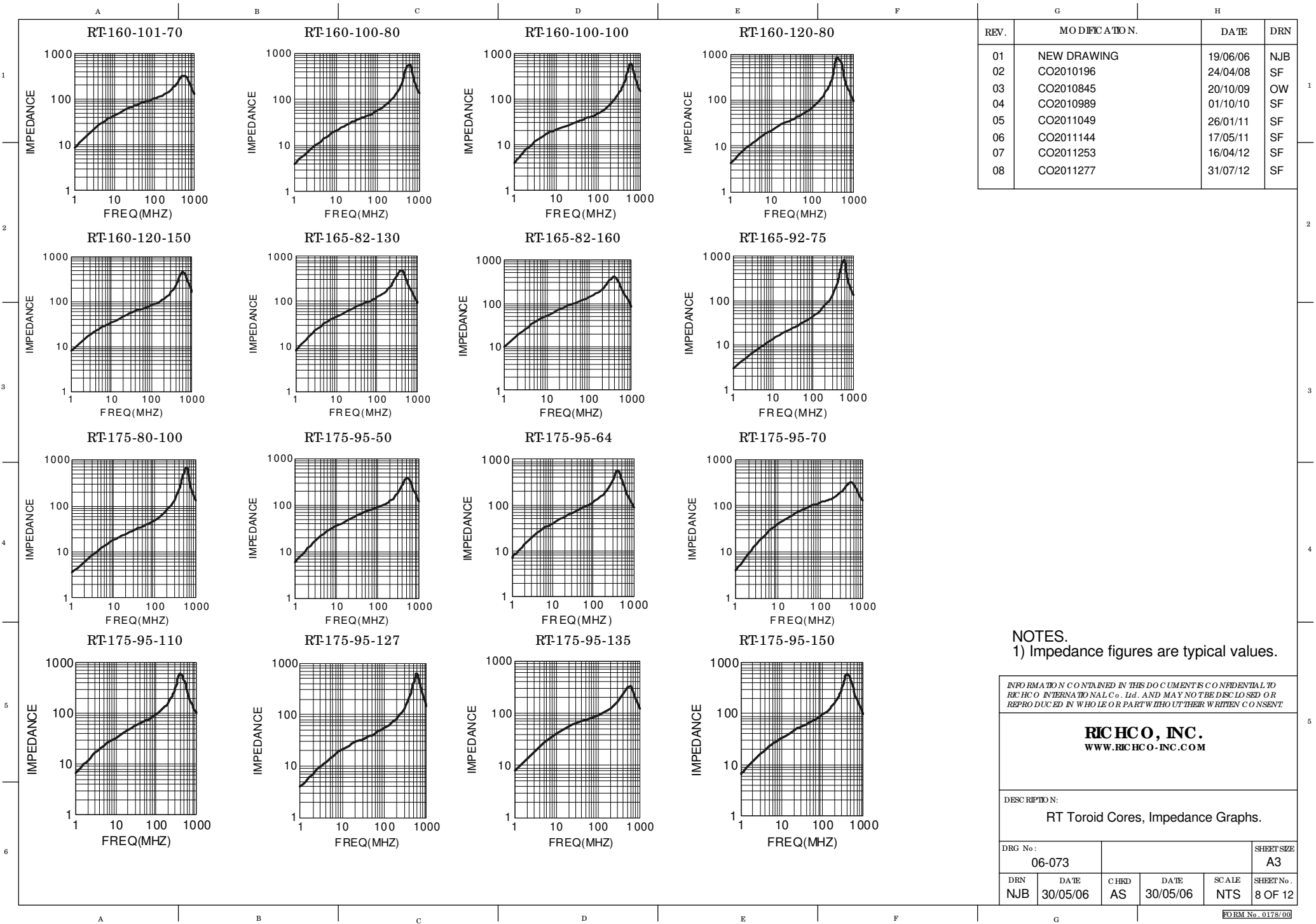
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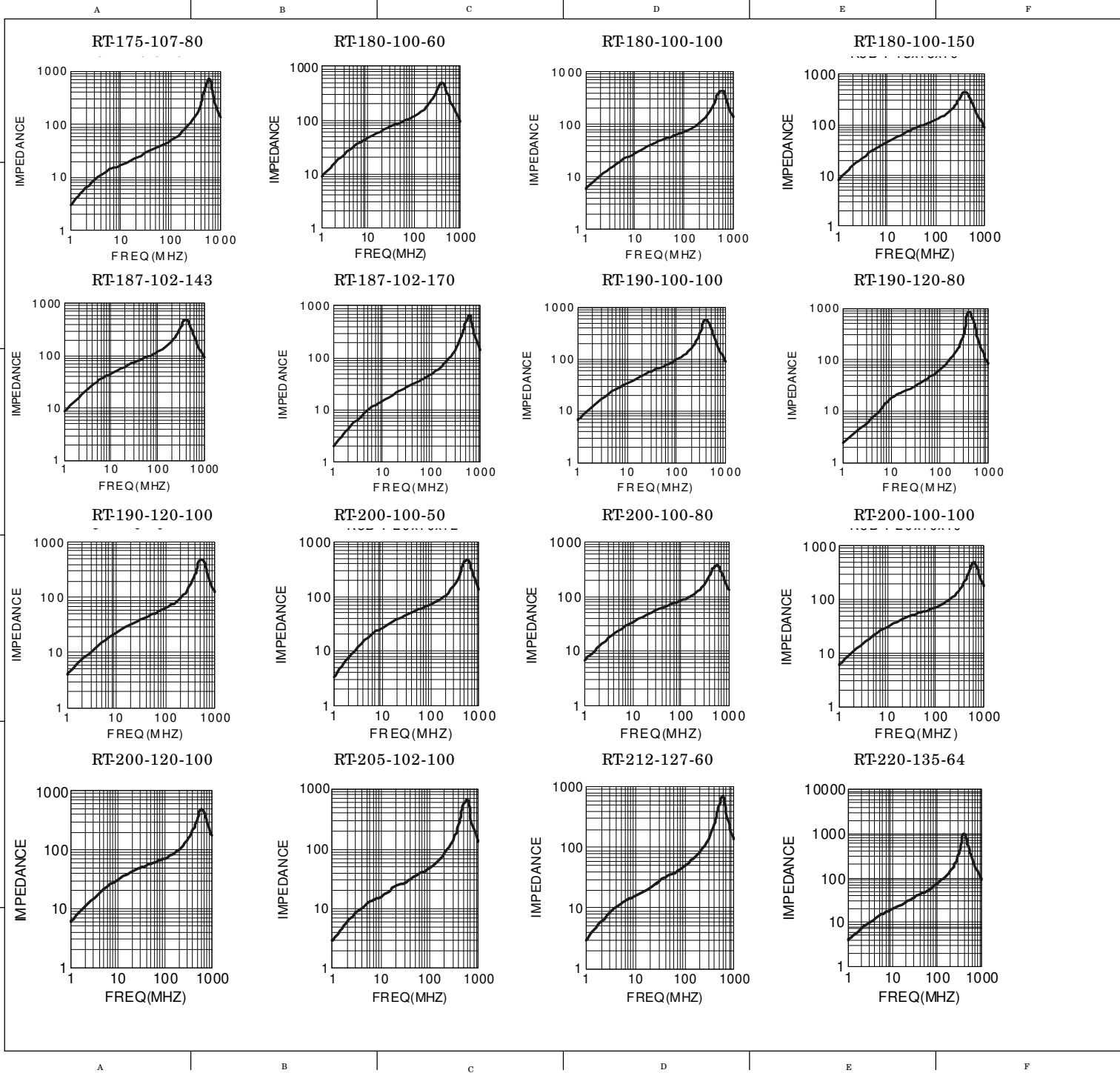
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NOTES.
1) Impedance figures are typical values.

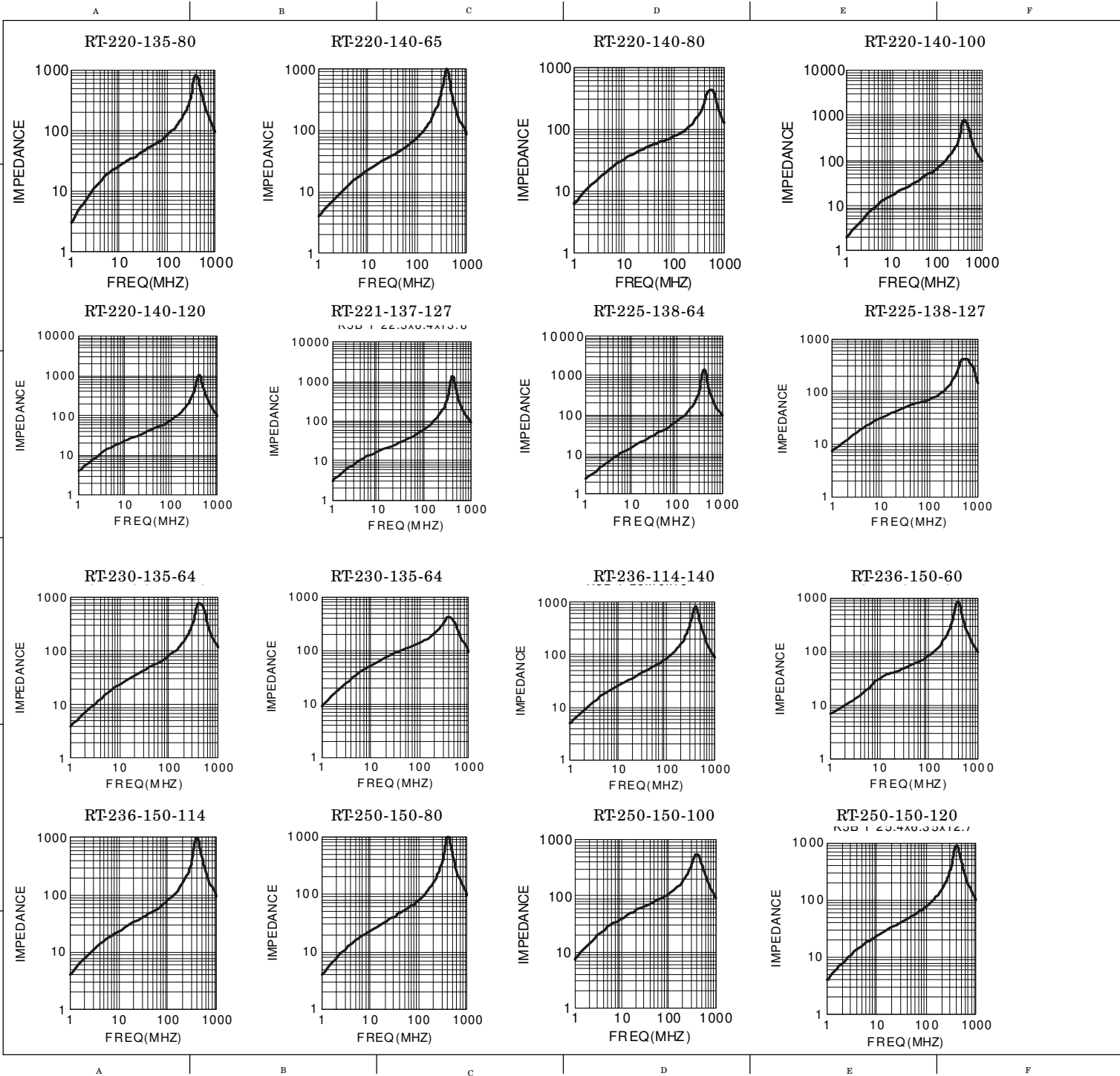
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RICHCO, INC. WWW.RICHCO-INC.COM					
DESCRIPTION: RT Toroid Cores, Impedance Graphs.					
DRG No: 06-073					SHEET SIZE A3
DRN NJB	DATE 30/05/06	CHKD AS	DATE 30/05/06	SCALE NTS	SHEET No. 8 OF 12



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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.
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. 9 OF 12



REV.	MODIFICATION.	DATE	DRN
01	NEW DRAWING	19/06/06	NJB
02	CO2010196	24/04/08	SF
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07	CO2011253	16/04/12	SF
08	CO2011277	31/07/12	SF

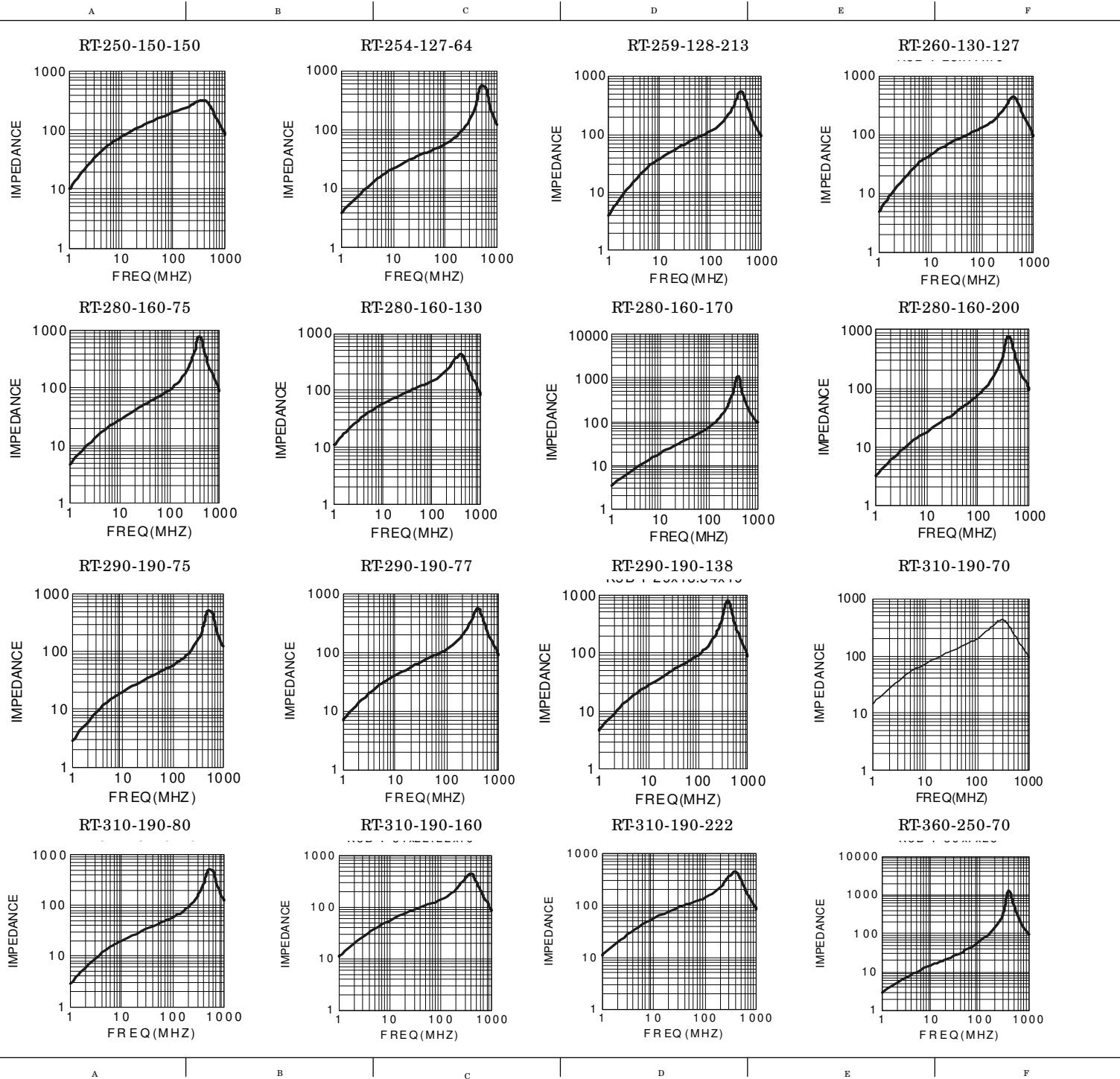
NOTES.
1) Impedance figures are typical values.

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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

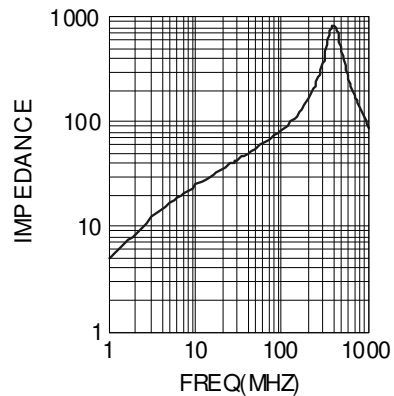


REV.	MODIFICATION.	DATE	DRN
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04	CO2010989	01/10/10	SF
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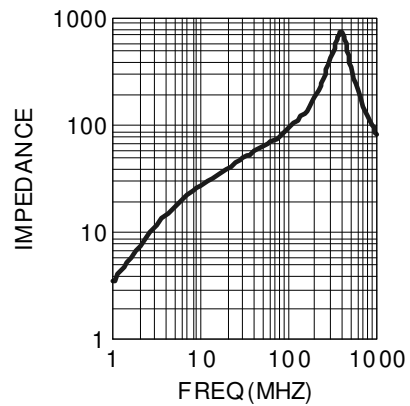
NOTES.
1) Impedance figures are typical values.

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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

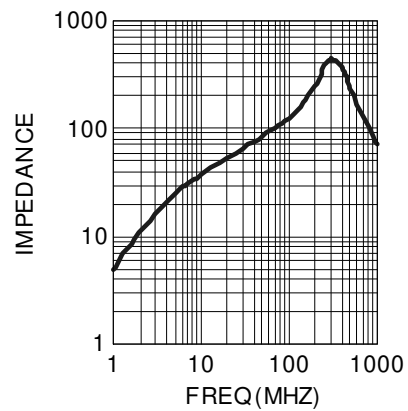
RT-360-250-127



RT-406-274-150



RT-594-348-128



REV.	MODIFICATION.	DATE	DRN
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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

SHEET SIZE

A3

DRN

NJB

DATE

30/05/06

CHKD

AS

DATE

30/05/06

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SHEET No.

12 OF 12