MATSUSHITA ELECTRONIC COMPONENTS

CO.,LTD

	(R 0) 151-ELF15N002A		
Name	LINE	FILTER	
Customer's Na		Matsushita Code	
ELF15	$N \square \square \square \square$	$ELF15N\square\square\square$	2 - 2

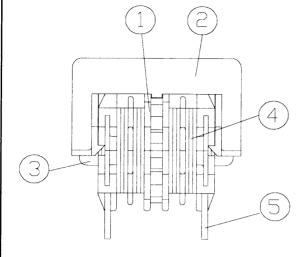
※ Type 15 N

	L1&L		L1&L2	L1&L2	DCR Resistance Rated Referen		ence		
Customer's	Matsushita			Difference	Ω	Current	Wire size	Turns	
No.	Code	Marking	mH min.	μΗ max.	(Tolerance ± 20%)	A[rms]	ø		Remarks
			f:	=1kHz		(50Hz)	mm		
			Vosc(rms)=0.1V		(at 20°C)		2UEW		
ELF15N002A	ELF15N002A	104 02	104.0	800	7.543	0.2	0.16	267	
ELF15N003A	ELF15N003A	433 03	43.0	500	3.154	0.3	0.20	173	
ELF15N004A	ELF15N004A	263 04	26.0	400	1.966	0.4	0.22	133	
ELF15N005A	ELF15N005A	193 05	19.0	300	1.324	0.5	0.25	114	
ELF15N006A	ELF15N006A	123 06	12.0	270	0.933	0.6	0.26	90	
ELF15N007A	ELF15N007A	103 07	10.0	250	0.762	0.7	0.28	83	
ELF15N008A	ELF15N008A	682 08	6.8	200	0.548	0.8	0.30	68	
ELF15N010A	ELF15N010A	532 10	5.3	180	0.369	1.0	0.35	60	- Induction of the second seco
ELF15N011A	ELF15N011A	402 11	4.0	150	0.308	1.1	0.35	52	
ELF15N013A	ELF15N013A	272 13	2.7	130	0.202	1.3	0.40	43	
ELF15N015A	ELF15N015A	212 15	2.1	110	0.170	1.5	0.40	38	
ELF15N017A	ELF15N017A	172 17	1.7	100	0.126	1.7	0.45	34	
ELF15N022A	ELF15N022A	102 22	1.0	70	0.078	2.2	0.50	26	
ELF15N030A	ELF15N030A	601 30	0.6	60	0.052	3.0	0.55	21	

							May.28.2002
Nα	Date	Revisions	Checked	Designed	d Approved	Checked	Designed
					S. Morimoto	7.00a	K. Goldon
		MATSUSHITA ELECTRONIC CON	MPONENTS.	CO.,LTD.		•	

Classification SPECIFICATION (MATERIAL) Subject LINE FILTER No. 151-ELF15NM Page of Date May.22.'01

STRUCTURE



INSULATION DISTANCE

	DIMENSIONS	
Bobbin	0.8 mm min.	
Space or Creepage	Between Coil and Core	1.6 mm min.
Distance	Between Coil and Coil	3.2 mm min.

WITHSTANDING VOLTAGE

ITEM	WITHSTAND VOLTAGE		
Between Coil and Core	AC 2kV min.		
Between Coil and Coil	for 1 minute		

MATERIAL LIST

ITEM			MATERI <i>A</i>	10	MANUFACTURE
TIET	TART NAME	Polybutylene To			MANUFACTURE
	Bobbin		V-0 V-0		MINMEGII DOLUMBA I MA
		(CN7030	, , , , , , , , , , , , , , , , , , , ,		WINTECH POLYMER LTD.
1		(1184G30	V-0	E41797)	TORAY INDUSTRIES INC.
		(KP212G30V0	V-0	E88499)	KOLON INDUSTRIES INC.
		(420SE0	V-0	E121562)	GE PLASTICS AMERICAS
		(420SE0	V-0	E45587)	GE PLASTICS JAPAN LTD.
		Polybutylene Te	erephth	alate	
		(CN7000	V-0	E213445)	WINTECH POLYMER LTD.
2	Cover	(1494	V-0	E41797)	TORAY INDUSTRIES INC.
2		(KP212V0	V-0	E88499)	KOLON INDUSTRIES INC.
		(310SEO	V-0	E121562)	GE PLASTICS AMERICAS
		(310SE0	V-0	E45587)	GE PLASTICS JAPAN LTD.
3	Core	Ferrite			OPTIONAL
					DAIICHI DENCO CO.,LTD.
					RIKEN ELECTRIC WIRE CO.,LTD.
					TOTOKU ELECTRIC CO.,LTD.
į					JUNGSHING WIRE CO., LTD.
4	Wire	Polyurethane En	nameled	Copper Wire	SUMITOMO ELECTRIC INDUSTRIES LTD.
					CHANGZHOU ZHONGSHAN WIRE&CABLE CO.,LTD.
					HITACHI CABLE LTD.
					SHANGHAI ELECTRIC MACHINE
					EQUIPMENT FACTORY etc.
5	Pin Terminal	Solder Coated I	Hardnes	s Copper Ply Wire	· · · · · · · · · · · · · · · · · · ·

	Approved	Checked	Design
MATSUSHITA ELECTRONIC COMPONENTS CO.,LTD.	Intioner.	Toda	Kylikara