



TDR SERIES

VERTICAL 3-PHASE, 3-WIRE FILTERS

COMPONENTS

PART NO.	ΣCx (uF)	ΣCy (uF)	L (mH)	R1 (M Ω)	R2 (M Ω)
07TDRT1W4	4	1.5	4.5	1.5	0.68
16TDRT1W4	5.9		3.0		
30TDRT1W4	6.6	2.2	2.0		
42TDRT1W4		2.3	1.5		
55TDRT1W4			1.1		

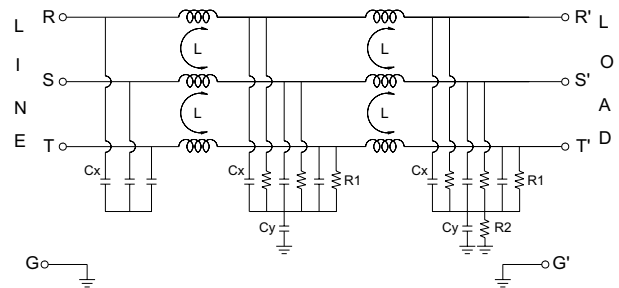
INTRODUCTIONS

1. Applications: Electric equipment, UPS, machine tool, copy machine, automation equipment, robot, AC motor drive
2. Voltage rating: 480VAC
3. Operating frequency: 50/60Hz

MINIMUM INSERTION LOSS IN dB

COMMON MODE (L-G) IN 50 OHM SYSTEM							
PART NO.	FREQUENCY-MHz						
	.15	.50	1.0	5.0	10	30	
07TDRT1W4	25	60	60	60	55	35	
16TDRT1W4	20	60	60	60	55	35	
30TDRT1W4	20	55	55	55	50	35	
42TDRT1W4	20	55	55	55	50	35	
55TDRT1W4	20	55	55	55	50	35	
DIFFERENTIAL MODE (L-L) IN 50 OHM SYSTEM							
07TDRT1W4	35	65	65	65	60	40	
16TDRT1W4	35	65	65	65	60	40	
30TDRT1W4	35	65	65	65	60	40	
42TDRT1W4	30	60	60	60	50	40	
55TDRT1W4	30	60	60	60	50	40	

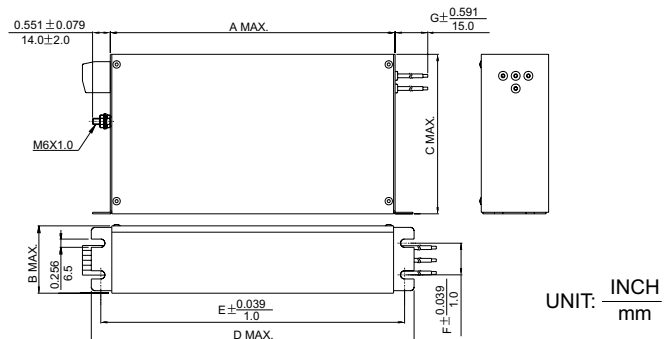
ELECTRICAL SCHEMATIC



SERIES DIMENSIONS

PART NO.	DIMENSIONS IN INCHES/mm							
	A	B	C	D	E	F	G	
07TDRT1W4	8.937	2.047	5.039	10.118	9.449	0.984	11.811	AWG18
	227.0	52.0	128.0	257.0	240.0	25.0	300.0	AWG14
16TDRT1W4	10.906	2.244	5.669	12.087	11.417	1.181	300.0	AWG14
	227.0	57.0	144.0	307.0	290.0	30.0		
30TDRT1W4	12.087	2.362	5.984	13.268	12.598	1.378	15.748	AWG12
	307.0	60.0	152.0	337.0	320.0	35.0	400.0	
42TDRT1W4	11.890	2.835	7.362	13.031	12.362	1.772	19.685	AWG10
		72.0				45.0		
55TDRT1W4	302.0	3.228	187.0	331.0	314.0	2.165	500.0	
		82.0				55.0		

MECHANICAL CONSTRUCTION



UNIT: INCH
mm