

ALUMINUM ELECTROLYTIC CAPACITOR

GUIDED CURRENT AUDIO CAPACITOR 4TTN

TNF SERIES

Introduction

The Supertech Guided Current 4TTN is a unique four terminal capacitor designed specifically for audio and other applications requiring ultimate capacitor performance. It offers several advantages, the capacitor plates guide the current pathway and the input/output connections are positioned so that filtering is an order of magnitude better than normal two terminal capacitors. In collaboration with an audio research company, DNM Design, the Guided Current 4TTN capacitor is manufactured by Supertech. This is a patented design which is particularly effective in all applications that need exceptional filtering.



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Shape & Dimension

	Item	D(mm)	L(mm)
		4700/63V	40
	10000/50V	40	52
	10000/63V	40	52
	10000/63V	40	58

Electrical Characteristics

Items	4700/63V	10000/50V	10000/63V			
Characteristics						
Surge Voltage	79V	63V	79V			
Operating Temperature	- 40°C ~ +85°C					
Leakage Current after 5 minutes.(3√ CV)	≤ 1632μA	≤ 2121μA	≤ 2381μA			
Max. ESR at 120Hz 20°C	32 mΩ	36 mΩ	29 mΩ			
Max. Impedance at 10KHz 20°C	20 mΩ	29 mΩ	24 mΩ			
Max. Ripple Current (rms) at 120Hz and 85 Degree C	8.06 Arms	6.78 Arms	8.43 Arms			
Load Life	After 10,000 hours application of working voltage at 85°C, the capacitor shall meet the following: 1) Capacitance change: ≤ ±10% 2) ESR ≤ 200% of initial ESR value 3) Leakage Current: ≤ initial specified value					

* Custom values are most welcome!