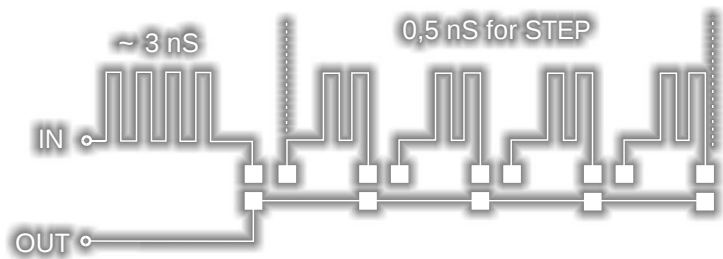


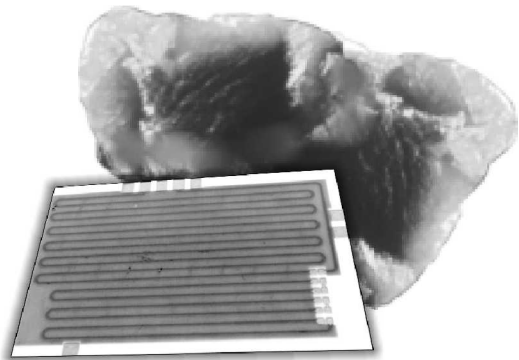
5 nS Delay Line

5 DL 05



Pin-out

- 1) GROUND
- 2) DELAY
- 3) GROUND
- 4) DELAY
- 5) GROUND
- 6) DELAY



Information subject to change without notice

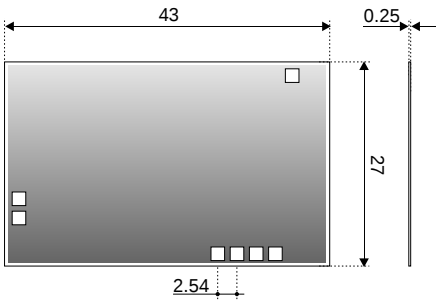
Description

Thick film delay-line, adjustable from 3 to 5 nS.
Ideal substitute to wired delay lines.

Descrizione

Linea di ritardo realizzata su allumina, regolabile da 3 a 5 nS.
Sostituta ideale alle linee di ritardo standard a filo.

Mechanical Dimensions



Technical Specification

Ta = 25 °C

CHARACTERISTICS		MIN	TYP	MAX	UNIT
T _s	Al ₂ O ₃ thickness • Spessore allumina		250		µm
T _c	Conductor thickness • Spessore conduttore		10		µm
W _T	Track width • Larghezza piste		250		µm
D _T	Track to track distance • Distanza tra piste		500		µm
T _d	Delay time • Tempo di ritardo	3		5	nS
Z _L	Line impedance • Impedenza di linea	47.5		52.5	Ω
D _L	Delay for meter • Ritardo al metro		7.5		nS/mt
R _d	Direct resistance for meter • Resistenza al metro		20		Ω/mt
T _{op}	Operating temperature range • Temperatura di lavoro	-20		+80	°C