

LEXOR

A division of customDesignTechnologies Ltd

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Miniature Tapped Delay Network 7788 Series

Basic Specification

Delay Range ----- 50 nS to 5 μ S \pm 5%
Impedance Range ----- 50 Ω to 1K Ω \pm 10%
Number of Sections ----- 20 'M' - derived 'T' sections
Taps ----- 20 at 5% intervals
Rise-time ----- Better than 10% of Total Delay
Distortion ----- \pm 10% Max.
Attenuation ----- 0.50dB/uS or 0.25dB (whichever is greater)
Working Voltage ----- 50V
Temperature Coefficient of Delay ----- \pm 200 p.p.m./ $^{\circ}$ C Max
Operating Temperature Range ----- -20 $^{\circ}$ C to +70 $^{\circ}$ C
Encapsulation ----- Flame Retardant Epoxy Resin

Selection Table

Delay Time	50 Ω	75 Ω	100 Ω	200 Ω	500 Ω	560 Ω	1K Ω
50 nS	-	030	101	044	-	-	-
100 nS	022	090	007	011	035	145	157
150 nS	075	091	102	116	132	146	158
200 nS	033	003	008	012	060	147	159
250 nS	076	004	103	027	067	017	160
300 nS	077	092	104	117	133	148	161
350 nS	078	049	105	118	134	149	162
400 nS	024	059	009	119	061	150	020
450 nS	079	093	106	120	135	151	163
500 nS	056	031	057	037	043	018	164
550 nS	080	094	107	121	136	152	165
600 nS	081	095	108	122	137	072	166
650 nS	082	006	109	123	138	153	167
700 nS	083	096	110	124	139	025	168
800 nS	084	097	111	125	062	154	021
900 nS	085	098	112	126	140	155	169
1 mS	001	002	055	032	013	054	046
2 mS	086	099	040	127	141	016	019
3 mS	087	064	113	128	142	050	170
4 mS	-	073	114	129	014	051	171
5 mS	-	100	115	130	143	071	-

Example

A 7788 Series Miniature Tapped Delay Network, 500nS - delay 200 Ω , is ordered as 7788A-121

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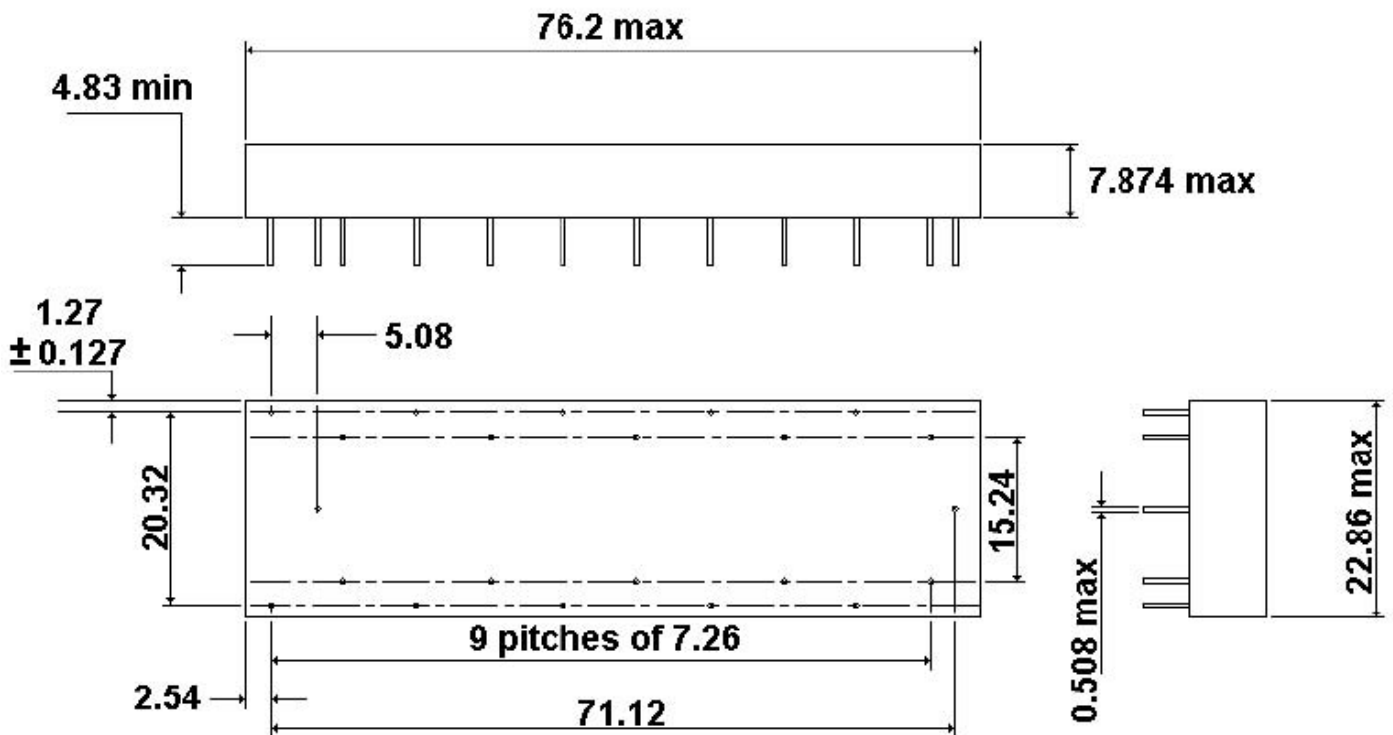
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Miniature Tapped Delay Network 7788 Series

Mechanical Detail



Connection Detail

