

LEXOR

A division of customDesignTechnologies Ltd
www.customDesignTechnologies.com

Tel: +44 (0)1280 845530 Fax: +44 (0)1280 706900 e-mail:enquiries@lexor.co.uk

Unit B, Nigel Court, Ward Road, Buckingham Road Industrial Estate, Brackley, NN13 7LF, United Kingdom

Miniature Tapped Delay Network 2484 Series

Basic Specification

Delay Range ----- 50 nS to 10 μ S \pm 5%
Impedance Range ----- 50 Ω to 4K Ω \pm 10%
Number of Sections ----- 10 'M' - derived pi sections
Taps ----- 10 at 10% intervals
Rise-time ----- Better than 15% of Total Delay
Distortion ----- \pm 10% Max.
Attenuation ----- 0.15dB/uS or 0.30dB (whichever is greater)
Working Voltage ----- 50V
Temperature Coefficient of Delay ----- \pm 100 p.p.m./ $^{\circ}$ C Max
Operating Temperature Range ----- -20 $^{\circ}$ C to +70 $^{\circ}$ C
Encapsulation ----- Flame Retardant Epoxy Resin

Selection Table

Example: A 2484 Series, Miniature Tapped Delay Network, 2 μ S delay 500 Ω impedance,
is ordered as 2484D-115

Delay Time	50 Ω	75 Ω	100 Ω	200 Ω	500 Ω	560 Ω	1K Ω	2K Ω	3K Ω	4K Ω
50nS	041	066	081	096	111	033	-	-	-	-
100nS	051	067	044	031	014	124	138	-	-	-
200nS	052	068	082	097	112	125	139	154	-	-
300nS	053	069	083	098	113	126	140	155	167	-
400nS	054	070	084	099	114	127	141	156	168	184
500nS	055	034	085	100	028	128	142	157	169	185
1 μ S	-	-	086	101	030	035	143	048	170	186
2 μ S	-	-	-	102	115	015	144	049	171	187
3 μ S	-	-	-	-	116	129	145	158	172	188
4 μ S	-	-	-	-	117	130	146	050	173	008
5 μ S	-	-	-	-	118	131	009	159	174	189
6 μ S	-	-	-	-	-	-	147	160	175	190
7 μ S	-	-	-	-	-	-	148	161	176	191
8 μ S	-	-	-	-	-	-	149	162	177	003
9 μ S	-	-	-	-	-	-	150	163	178	192
10 μ S	-	-	-	-	-	-	151	026	179	193

LEXOR

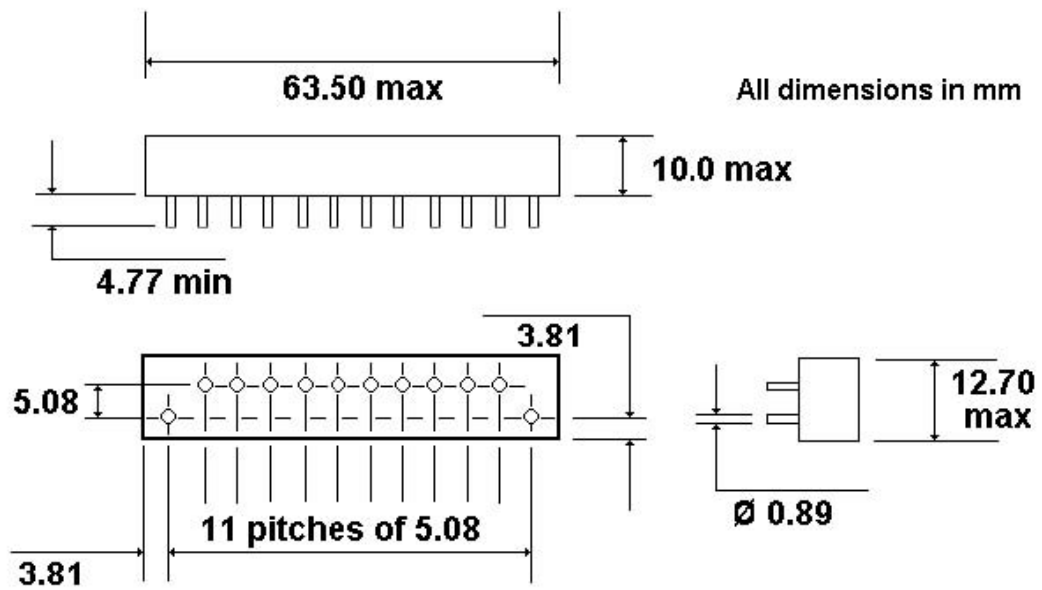
A division of customDesignTechnologies Ltd
www.customDesignTechnologies.com

Tel: +44 (0)1280 845530 Fax: +44 (0)1280 706900 e-mail:enquiries@lexor.co.uk

Unit B, Nigel Court, Ward Road, Buckingham Road Industrial Estate, Brackley, NN13 7LF, United Kingdom

Miniature Tapped Delay Network 2484 Series

Mechanical Detail



Connection Detail

