

**LPB AM TRANSMITTER ELLIPTIC RF OUTPUT FILTER
CONSTRUCTION ON L4 & L5 FOR AM-5, AM TX 2-20
AM -30 /60 /100 WATT UNITS !**

NOTE: Some toroids might be color coated by EIA standard and other will have the gray / black color to them depend on the company(s) who construct them.

NOTE: If the toroids cores are in a gray / black color they are not moisture protected !

NOTE: It is recommended that going to use your am transmitter in a moist area please have toroids core coated for protection !

NOTE: Information on toroid cores can be found in ARRL Handbook 1998 pages 24.5, 24.6 and 24.7.

NOTE: The Toroid Core For L4 & L5.

T94-2 Toroid core

FREQUENCY USE: 500 Khz to 30 Mhz

EIA COLOR CODE: Red E Core

MATERIAL: Carbonyl E

DIMENSIONS

OD= 0.94"

Outside Dimention

ID = 0.56"

Inside Dimention

H = 0.31"

Height

U= 10

Physical Dimensions		
<p>COLOR CODE</p> <ul style="list-style-type: none"> - 1 Blue/Clear - 2 Red/Clear - 3 Gray/Clear - 6 Yellow/Clear - 7 White/Clear - 10 Black/Clear - 12 Green/White - 15 Red/White - 17 Blue/Yellow - 0 Tan 		<p>TYPICAL PART NO.</p> <p style="text-align: center;">T 25 - 10</p> <p>OD in 100th Inches ┌──┐</p> <p>Micrometals Mix No. └──┘</p> <p>Letter Indicates Alternate Height</p>
<p>OD = .942 in / 23.9 mm +/- 0.02 in</p> <p>ID = .560 in / 14.2 mm +/- 0.02 in</p> <p>Ht = .312 in / 7.92 mm +/- 0.025 in</p>		
<p>$A_L = 8.4 \pm 5\%$ $\mu H = (A_L * Turns^2) / 1000$</p>		
<p>Temperature Stability (ppm /°C) = 95</p>		
<p>Color Code = Red / Clear</p>		
<p>Optimum Resonant Circuit Range for highest Q and lowest core loss 250 KHz - 10 MHz</p>		
<p>Orders and Pricing www.kitsandparts.com</p>		

