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

Height

OD= 0.94"

Outside Dimention

ID = 0.56"

Inside Dimention

H = 0.31"

U= 10

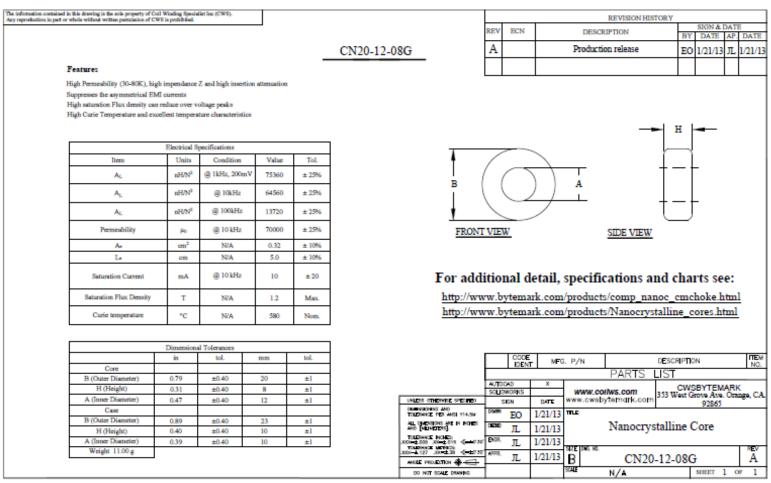
Physical Dimensions COLOR CODE TYPICAL PART NO. ID - 1 Blue/Clear T 25 - 10 - 2 Red/Clear - 3 Gray/Clear OD in 100th Inches - 6 Yellow/Clear Micrometals Mix No. White/Clear Letter Indicates Alternate Height -- 10 Black/Clear Ht - 12 Green/White - 15 Red/White - 17 Blue/Yellow - 0 Tan OD = .942 in / 23.9 mm +/- 0.02 inID = .560 in / 14.2 mm + / -0.02 inHt = .312 in / 7.92 mm + / - 0.025 in $A_I = 8.4 + -5\%$ uH= $(A_I * Turns^2)/1000$ Temperature Stability (ppm $/^{\circ}$ C) = 95 Color Code = Red / Clear Optimum Resonant Circuit Range for highest Q and lowest core loss

250 KHz - 10 MHz

Orders and Pricing
www.kitsandparts.com

CN - 20 TOROID CORE

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Where to Purchase and see Toroid Core

http://www.cwsbytemark.com

NOTE: Wire material 18 Awg Insulated solid copper wire on all models!

Low Band 530 khz to 830 khz	Mid Band 840 khz to 1270 khz	High Band 1280 khz to 1700 khz
L4 = 32 Turns 18 awg 9.3uh	L4 = 23 Turns 18 awg 6.1uh	L4 = 21 Turns 18 awg 5.5uh
L5 = 24 Turns 18 awg 5.8uh	L5 = 18 Turns 18 awg 3.8uh	L5 = 18 turns 18 awg 4.0uh

INFORMATION FURNISHED BY

"RFB of K-Rocks"

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