Ferrite toroids TX25/15/10

RING CORES (TOROIDS)

Effective core parameters

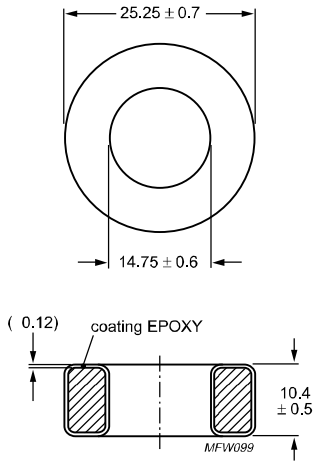
SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma(l/A)$	core factor (C1)	1.23	mm^{-1}
V_e	effective volume	2944	mm^3
l_e	effective length	60.2	mm
A_e	effective area	48.9	mm^2
m	mass of core	≈ 15	g

Coating

The cores are coated with epoxy, flame retardant in accordance with “UL 94V-0”; UL file number E 228348.
The colour is white.
Maximum operating temperature is 200 °C.

Isolation voltage

DC isolation voltage: 2000 V.
Contacts are applied on the edge of the ring core, which is also the critical point for the winding operation.



Dimensions in mm.

Fig.1 TX25/15/10 ring core.

Ring core data

GRADE	A_L (nH)	μ_i	TYPE NUMBER
3E5	8680 ± 30%	≈ 8500	TX25/15/10-3E5
3E6 des	10200 ± 30%	≈ 10000	TX25/15/10-3E6