

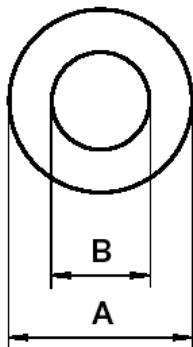


Specification for:

XJ41405TC

110 Delta Drive
Pittsburgh, PA 15238
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DIMENSIONS



(mm)	Uncoated Nominal:	Min:	Max:
O.D. (A)	12.7	12.36	13.04
I.D. (B)	7.14	6.80	7.48
Ht. (C)	5.08	4.82	5.34

Eff. Parameters		
$A_e \text{ mm}^2$	$l_e \text{ mm}$	$V_e \text{ mm}^3$
13.7	29.5	405.4

INDUCTANCE

A_L value (nH/T ²)	Test conditions	
2890 ± 20%	10 kHz	0.5 mT (For N = 1, use 1.44 mA), 25°C
≥ 0.9 x A_L @ 10 kHz	200 kHz	

ELECTRICAL LOSSES

$\tan \delta / \mu_i$	Test conditions
≤ 12·10 ⁻⁶	100 kHz, 0.5 mT, 25°C

COATING

Black Laquer

NOTE

Spec. Modifications	Previous	Revised
2008.01.02	LF.: General J Material A_L value up to 200 kHz	LF: Detail as indicated A_L at 200 kHz ≥ 0.9 x A_L at 10 kHz