

# PRODUCT DATA APPROVAL SHEET

Core-UU1522

Cosmo Ferrites Ltd. -INDIA

**Appearance & Shape:** To be free from any defect such as flow, burrs, unevenness etc, as per IEC standards.  
Effective Parameters irrespective of material grade (per set)

Parameter	Value	Unit
Effective Length ( $L_e$ ):	48.0	mm
Effective Area ( $A_e$ ):	32.0	mm <sup>2</sup>
Effective Area ( $A_{min}$ ):	31.6	mm <sup>2</sup>
Effective Volume ( $V_e$ ):	1536	mm <sup>3</sup>
Approximate weight(m):	8.0	g/set

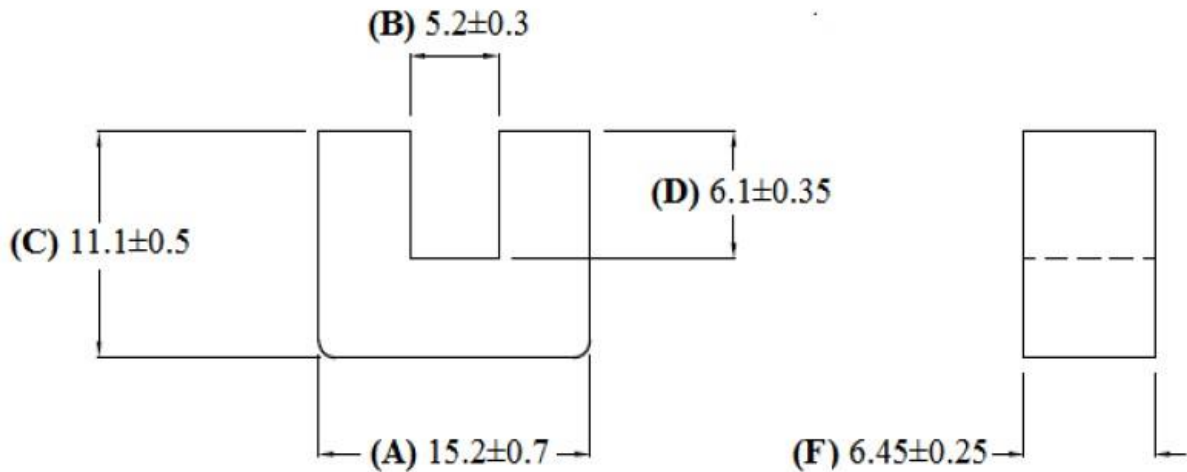


“Clamping force for AL measurement is  $10 \pm 5$  N, unless otherwise stated”

## UU1522 Un-gapped (OL)

Test Conditions: 1kHz/1mT/CFR COIL, N=100/25°C

Material Grade	Initial Permeability ( $\mu_{iac}$ )	AL Value (nH)	$\mu_e$ Approx./Set	$P_v$ (W/set) (25kHz, 200mT,100°C)	$P_v$ (W/set) (100kHz, 100mT,100°C)	$P_v$ (W/set) (100kHz, 200mT,100°C)
CF139	2100 $\pm 20\%$	1350+30%/-20%	$\approx 1611$	$\leq 0.19$	$\leq 0.18$	$\leq 0.92$
CF297	2300 $\pm 20\%$	1400 +30%/-20%	$\approx 1671$	$\leq 0.18$	$\leq 0.17$	$\leq 0.89$



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