

# PRODUCT DATA APPROVAL SHEET

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 ( $L_e$ ):	52.0	mm
Effective Area ( $A_e$ ):	27.0	mm <sup>2</sup>
Effective Area ( $A_{min}$ ):	25.8	mm <sup>2</sup>
Effective Volume ( $V_e$ ):	1404	mm <sup>3</sup>
Approximate weight(m):	7.0	g/set



“Clamping force for AL measurement is 20 ±5 N, unless otherwise stated”

## UU1620 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)
CF292	1800±20%	900 +30%/-20%	≈1455	≤ 0.19	≤0.16	≤ 0.9
CF139	2100±20%	1000 +30%/-20%	≈1532	≤ 0.18	≤0.14	≤ 0.86
CF297	2300±20%	1050 +30%/-20%	≈1609	≤ 0.17	≤ 0.13	≤ 0.81

