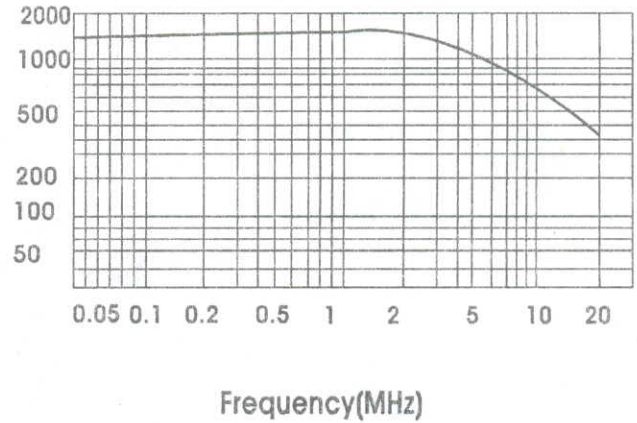
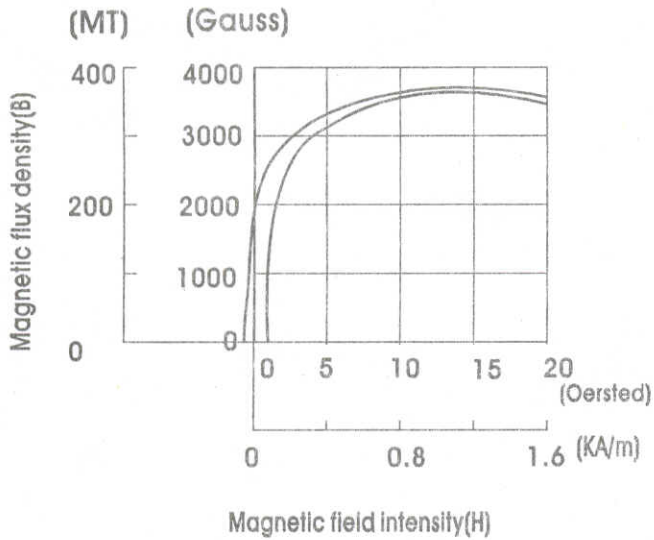


(MATERIAL L8A CHARACTERACTERISTICS)

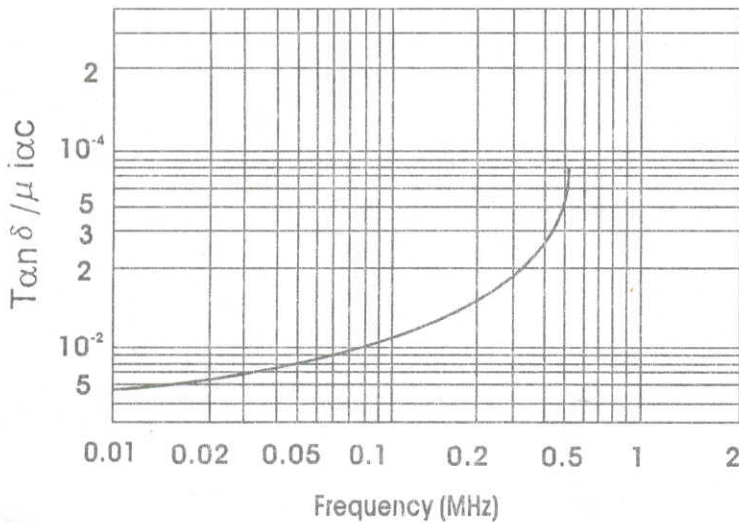


MATERIAL CHARACTERISTICS

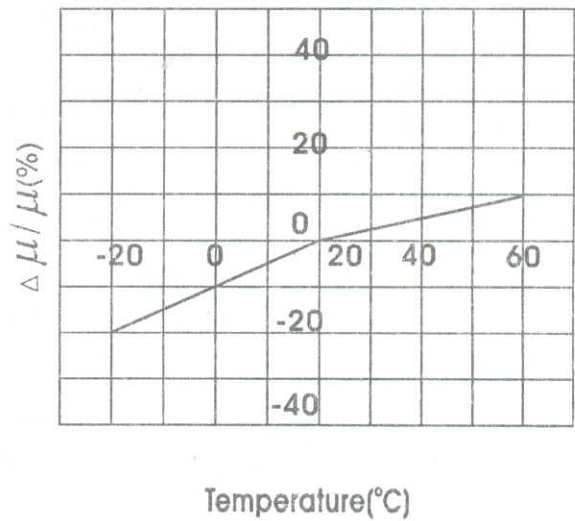
Material	$\mu i \alpha c$	APPLICABLE FREQUENCY MHZ	Bm(G)	Br(G)	Hc(O)	$\rho(\Omega cm)$	Tc°C	D(δ/cm^3)	Tan $\delta/\mu i \alpha c$
L8A	1600	0.01~0.5	3800	1100	0.2	10 ⁷	100°C	4.7	14x10 ⁻⁵ (at10KHZ) 45x10 ⁻⁵ (at10KHZ)



Tan $\delta / \mu i \alpha c$ vs. frequency response characteristics (L-series materials)



$\Delta \mu / \mu$ vs. temperature curve (M-series materials)





Test Report

No.: GZ0610151275/CHEM

Date: OCT 13, 2006

Page 1 of 2

TAK TECHNOLOGY CO., LTD
NO. 3RD INDUSTRIAL AREA JUZHOU SHIJIE TOWN DONGGUAN CITY GUANGDONG PROVINCE, P.R. CHINA

Report on the submitted sample said to be L6A MATERIAL FERRITE CORE

SGS Ref No. : SZ10103736-4.4
Sample Receiving Date : OCT 09, 2006
Testing Period : OCT 09, 2006 TO OCT 13, 2006

Test Requested : To determine the Cadmium, Lead, Mercury & Hexavalent Chromium content in the submitted sample.

Test Method : With reference to IEC 62321 Ed.1 111/54/CDV
Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products
(1) Determination of Cadmium by ICP.
(2) Determination of Lead by ICP.
(3) Determination of Mercury by ICP.
(4) Determination of Hexavalent Chromium by Colorimetric Method.

Test Results : (Unit: mg/kg)

Table with 4 columns: Test Item(s), Method (refer to), No. 1, MDL. Rows include Cadmium(Cd), Lead (Pb), Mercury (Hg), and Hexavalent Chromium (CrVI) by alkaline extraction.

Test Part Description:
No.1 Dk-gray core

Note : (1) mg/kg = ppm
(2) N.D. = Not Detected
(3) MDL = Method Detection Limit

Signed for and on behalf of
SGS-CSTC Ltd.

Handwritten signature

Wang HongLei, Leo
Sr. Engineer

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GZCM 921605

Sample photo :



SGS authenticate the photo on original report only

*** End of Report ***

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