

SPECIFICATION		PAGE	1/3
PART NUMBER :	TDF172014	REV.	A

SPECIFICATION

PART NO: TDF172014

【Approval Stamp Column 】

Customer :



STODA Technologies(Shantou)LTD
Tel : 0754-89918282
Website: www.stodatech.com
Email: sales@stodatech.com
Address: Huanshi east road, Chen nan street , Chaoyang , Shan tou, Guang dong P.R.C

SPECIFICATION		PAGE	2/3
---------------	--	------	-----

PART NUMBER :	TDF172014	REV.	A
---------------	-----------	------	---

1: PHYSICAL DIMENSION

BEFORE COATING

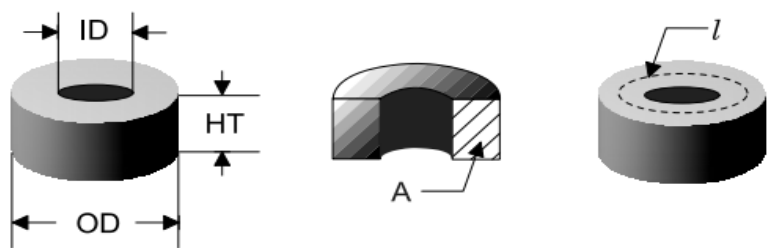
OUTSIDE DIAMETER	(OD)	:	17.27	mm	MAX
INSIDE DIAMETER	(ID)	:	9.65	mm	MIN
HEIGHT	(HT)	:	6.35	mm	MAX

AFTER COATING :

OUTSIDE DIAMETER	(OD)	:	18.03	mm	MAX
INSIDE DIAMETER	(ID)	:	9.02	mm	MIN
HEIGHT	(HT)	:	7.11	mm	MAX

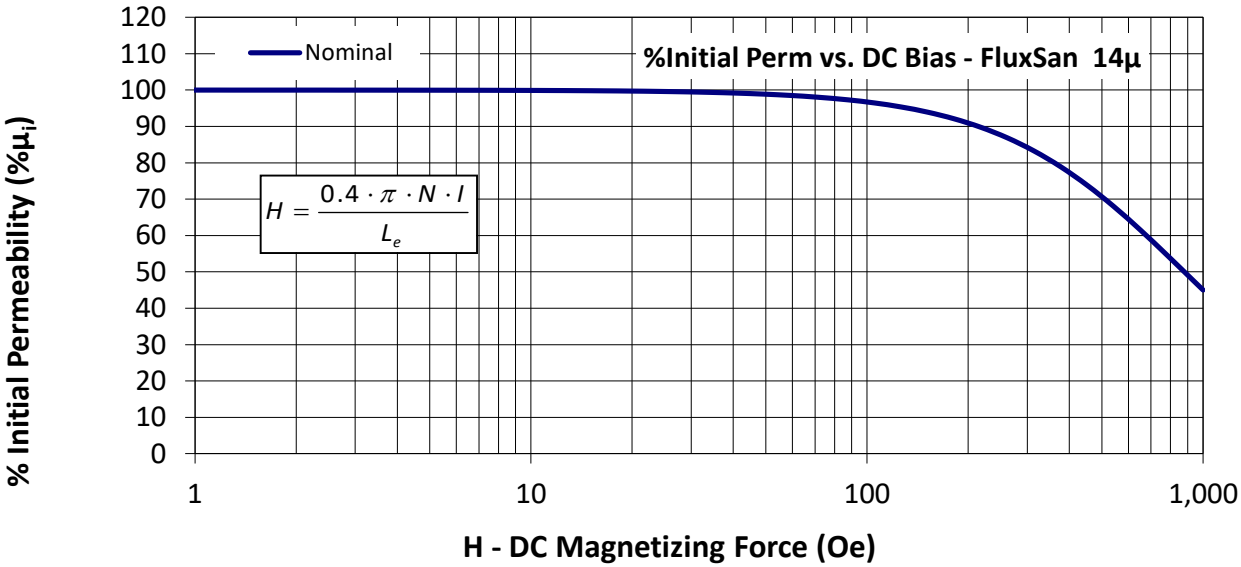
2: CORE MAGNETIC PARAMETERS

EFFECTIVE MAGNETIC PATH LENGTH	(L _e)	:	4.14	cm
EFFECTIVE CROSS SEPCION AREA	(A _e)	:	0.232	cm ²
EFFECTIVE VOLUME	(V _e)	:	0.961	cm ³



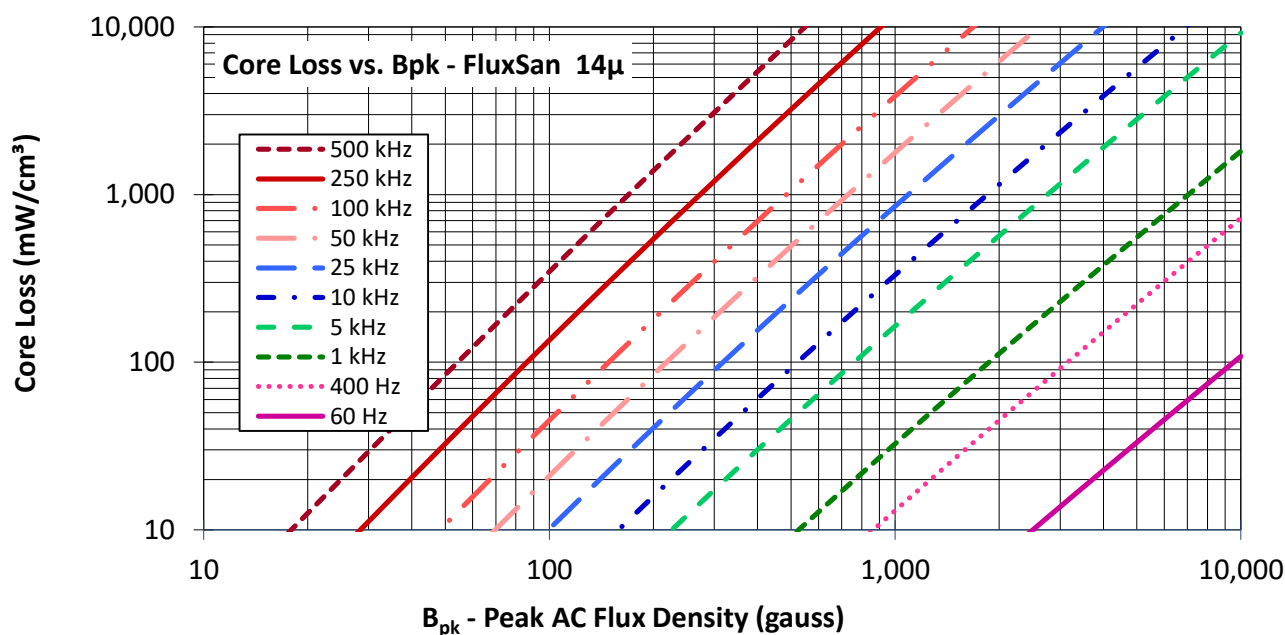
3: DC BIASED INDUCTANCE

H _{DC}	:	200	Oe
PERCENT INITIAL PERM(NOM)	:	0.00%	
PERCENT INITIAL PERM(MIN.)	:	0.00%	



SPECIFICATION		PAGE	3/3
PART NUMBER :	TDF172014	REV.	A
4: CORE LOSS			

B_{pk} : 300 G
 FREQUENCY : 100 kHz
 CORE LOSS (NOMINAL) : 0 mW/cm³
 CORE LOSS (MAXIMUM) : 570 mW/cm³



5: INDUCTANCE

μ_i (REFERENCE) : 14
 AL VALUE (NOMINAL) : 10 nH/N²
 TEST WINDING : N=70, #28 AWG
 FREQUENCY : 10 kHz
 VOLTAGE ON TH2829A : 0.072 V
 AL TOLERANCE : $\pm 8\%$
 TEST INSTRUMENT : TH2829A

6: COATING/PACKAGE

COATING TYPE : Blue Epoxy
 VOLTAGE BREAKDOWN (MIN.) : 1000 Vrms
 LIMIT : 0.1 mA, 5 s
 PACKAGE QUANTITY : 2,340 Pcs/Box

REVISION HISTORY			PREPARED	CHECKED	APPROVED
REV.	DESCRIPTION	DATE			
A	FIRST ISSUE	2022/4/2	