

2. ELECTRICAL CHARACTERISTICS

ITEMS	SPEC	TESTING METHOD	TESTING INSTRUMENT
INDUCTANCE			HP4284-A
POWER LOSS			
Q VALUE			
DC SUPERPOSITION L_{DC}			
IMPEDANCE Z			

3. MATERIAL CHARACTERISTICS

MATERIAL: TP4A

CHARACTERISTICS		UNIT	VALUE
INITIAL PERMEABILITY	μ_i	—	$2400 \pm 25\%$
SATURATION MAGNETIC FLUX DENSITY (H=1194A/m)	B_s	25°C	510
		100°C	390
REMANENT FLUX DENSITY	B_r	25°C	mT
COERCIVE FORCE	H_c	25°C	A/m
RELATIVE LOSS FACTOR	$\tan \delta / \mu_i$	—	
RELATIVE TEMP. FACTOR	α_{uir}	—	
CURIE TEMP.	T_c	°C	215
ELECTRICAL RESISTIVITY	ρ	Ω	6.5
DENSITY	d	kg/m^3	4.8×10^3
Item:	P/N:	SPEC. /N	
FERRITE CORE			