



LB14

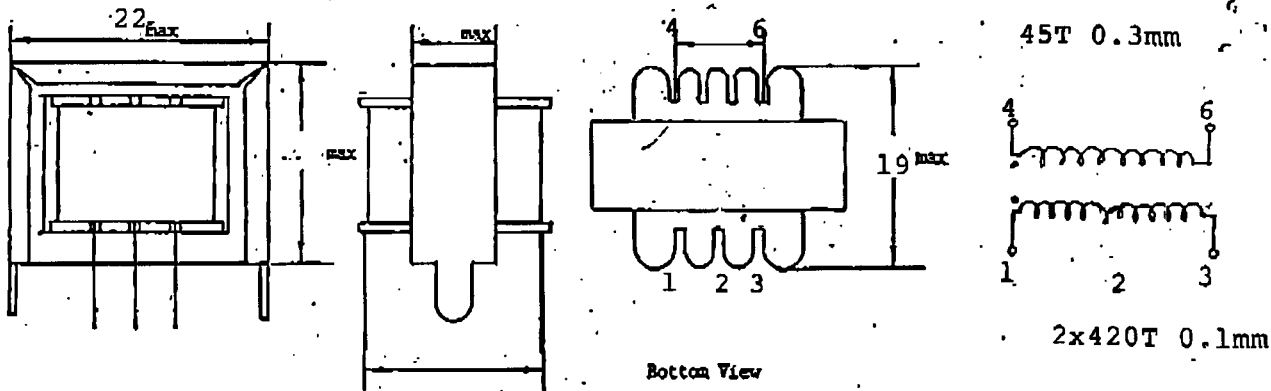
STORTECH
ELECTRONICS LTD
Unit 2 Spire Green Centre, Pinnacles West,
Harlow, Essex CM19 5TS
Phone: (0) 1279 451100 Fax: (0) 1279 453300

LT700

ITEM	Transformer	Proto No	LT-700	CUSTOMER	STORTECH
PART NO	EI-19	COLOUR	Blue Red	PART NO	
REF NO		DATE	20-10-93	APPD	DATE

Outline Dimensions (mm) ± 0.2 mm

Pinout / Lead Configuration
(Bottom view)



Electrical Characteristics

• same polarity

Particulars	Max.	Typ.	Min.	Unit	Condition(s) / Remarks
DC Resistance	1-3	67	-	Ω	(note 1)
	4-6	0.37	-	Ω	±10%
Inductance	1-3	190mH	-	mH	(note 2)
	4-6	0.6mH	-	mH	±20%
Impedance Ratio	1.2K/4		-	Ω	
Freq. Response	±1 db		-	Hz	0db at f=1 KHz with 500Ω source resistance (note 3)
Insertion Loss	1.5 max		-	db	V _{in} =1V; f=1KHz; R _s =500Ω; R _L =500Ω (note 3)
Insulation	> 100		-	MΩ	Testing made between Pri to Sec windings at 500VDC (note 4)
Hi-pot Test	passed		-		Testing made between Pri to Sec windings at 1000VAC /1 min for Hi-pot test (note 4)

Material / Coil Treatment : EI-24 Top Grade Siliconsteel Lamination Core
Full Vacuum Impregnation in Varnish

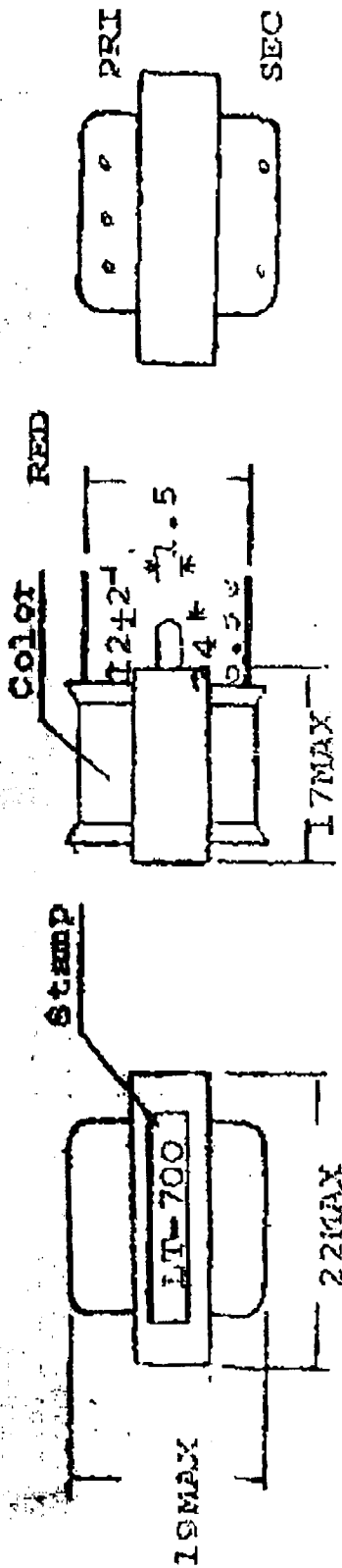
note (1) measured by using Fluke Digital Multimeter Model No. 8050A
(2) measured in series mode at 1 KHz by Femtolec LCR Meter 05100 / NF2322 LCZ Meter
(3) measured by using Tektronix 150 MHz DSO Model No. 2430A
(4) measured by using Kilowatt Withstanding Voltage Tester Model TG-8750

LR1100

LT700

TRANSFORMER EI-19
PART No. LT-700

1. EXTERNAL DIMENSION : (mm)



2. SPECIFICATION :

1	Impedance	Pri.	1.2K CT	ohm± 20 %	(1V 1KHZ DC 0mA)
		Sec.	3.2	ohm± 0 %	
		Sec.		ohm± %	
2	Open Impedance	Pri.	4X	ohm min	(1V 1KHZ DC 0mA)
3	Frequency Character	300 Hz	~ 3.5K Hz	± 3 DB	(1V 1KHZ DC 0mA)
4	DC Resistance (25°C)	Pri.	67	ohm± 20 %	
		Sec.	0.37	ohm± 20 %	
		Sec.		ohm± %	

To BOB YATES
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Ref No: 7688

1 Impedance Pri. 1.2K CT ohm \pm 20 % (1V 1KHZ DC 0mA)

Sec. 3.2 ohm \pm 0 %

Sec. — ohm \pm %

2 Open Impedance Pri. 4K ohm min (1V 1KHZ DC 0mA)

3 Frequency Character 300 Hz ~ 3.5K Hz \pm 3 DB (1V 1KHZ DC 0mA)

4 DC Resistance (25°C) Pri. 67 ohm \pm 20 %

Sec. 0.37 ohm \pm 20 %

Sec. ohm \pm %

5 Testing Voltage A.C 100 V 1 Minute (Coil-Coil, Coil-Core)

6 Insulating D.C 100V 100 Meg ohm min.

7 Turns Ratio : ;

8 Winding Pri. Q. 1 CUENW 420X2 T. Sec. 0.3 #UEW 45 T

9 Core EI-19 Z11

10 Impregnation Wax.

MAY. 31. 1991

Tested by

Jim S

Approved by

Jim S

Sample No.

GH-1934

71.10.2.000