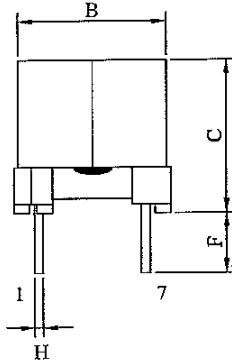
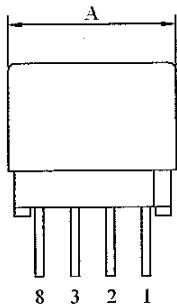


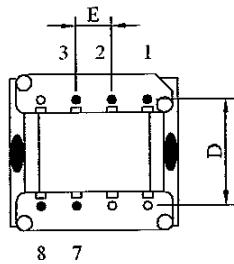
# SPECIFICATION FOR APPROVAL

Product Name	HIGH FREQUENCY TRANSFORMER	Page	1
Superworld Part No.	SEPB0HT-50742	Rev. No.	0

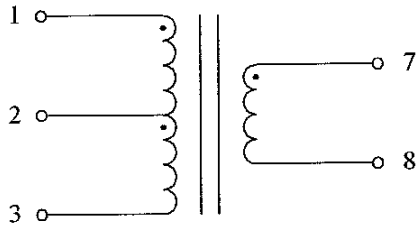
## 1. CONFIGURATION & DIMENSIONS :



A	: 11.94 MAX	mm
B	: 11.79 MAX	mm
C	: 12.32 MAX	mm
D	: 7.50±0.30	mm
E	: 2.50±0.30	mm
F	: 3.30 MIN	mm
H	: Ø0.60 REF	mm



## 2. SCHEMATIC DIAGRAM :



# SPECIFICATION FOR APPROVAL

Product Name	HIGH FREQUENCY TRANSFORMER	Page	2
Superworld Part No.	SEPB0HT-50742	Rev. No.	0

### 3. MATERIALS :

NO.	DESCRIPTION	SPECIFICATION	REMARK
a.	BOBBIN	EP10 B-038 94V-0	
b.	CORE	EP10	
c.	WIRE	POLYURETHANE (UEW+NY)	
d.	TAPE	POLYESTER FILM	
e.	EPOXY	9001A/B 94V-0	
f.	FEP WIRE	D28A01FXX-3	
g.	VARNISH	BC-359	

### 4. GENERAL SPECIFICATIONS :

- a. Operating Temperature Range : -25°C --- +105°C
- b. Insulation Class : B (130°C)

### 5. ELECTRICAL CHARACTERISTICS :

Part No.	INDUCTANCE ( L )	CONDITIONS	TEST FREQ.	DCR @ 20°C
SEPB0HT-50742	L : (7-8) = 145μH ~ 350μH	-	20KHz 10mV	(1-3) = 1.0 Ω MAX (7-8) = 0.1 Ω MAX



SUPERWORLD ELECTRONICS (S) PTE LTD