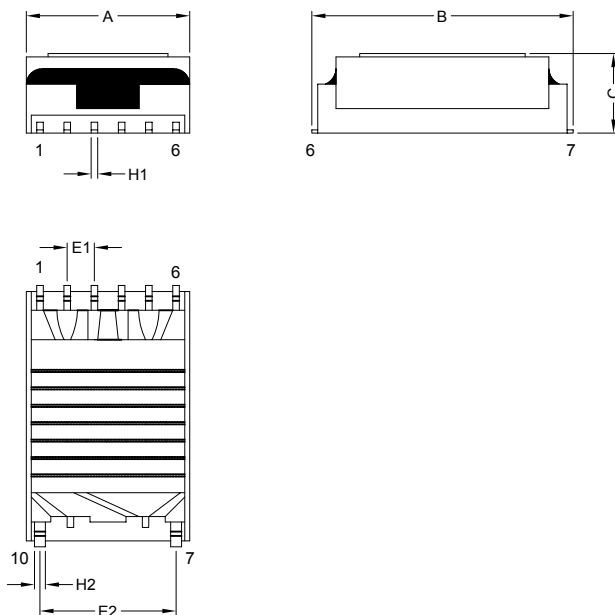


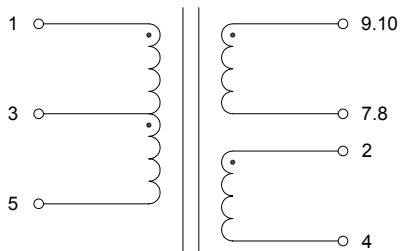
### 1. CONFIGURATION & DIMENSIONS :



Unit:m/m

A	B	C	E1	E2	H1	H2
16.00 Max.	25.00 Max.	8.00 Max.	2.50±0.20	12.50±0.20	0.60±0.20	1.00±0.20

### 2. SCHEMATIC :



### 3. SCHEMATIC :

- Bobbin : LCP
- Core : UI15
- Wire : Polyurethane DD (1UEW+NY)
- Tape : Polyester Film
- Varnish : Synthite AC-436
- Epoxy : 9001A/B



**RoHS Compliant**

NOTE : Specifications subject to change without notice. Please check our website for latest information.

24.06.2008



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#### 4. GENERAL SPECIFICATION :

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

#### 5. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance ( L )	Conditions	Test Frequency	DCR @ 25°C
SUIB5HSF-50160	L : (1-3) = 21uH ~ 36uH	-	10KHz 0.1V	(1-3) = 0.052Ω ~ 0.087Ω
	L : (3-5) = 21uH ~ 36uH	-	10KHz 0.1V	(3-5) = 0.052Ω ~ 0.087Ω
	L : (10.9-7.8) = 0.6H ~ 1.1H	-	10KHz 0.1V	(10.9-7.8) = 266Ω ~ 444Ω
	L : (2-4) = 1.05uH ~ 1.75uH	-	10KHz 0.1V	(2-4) = 0.0116Ω ~ 0.020Ω



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