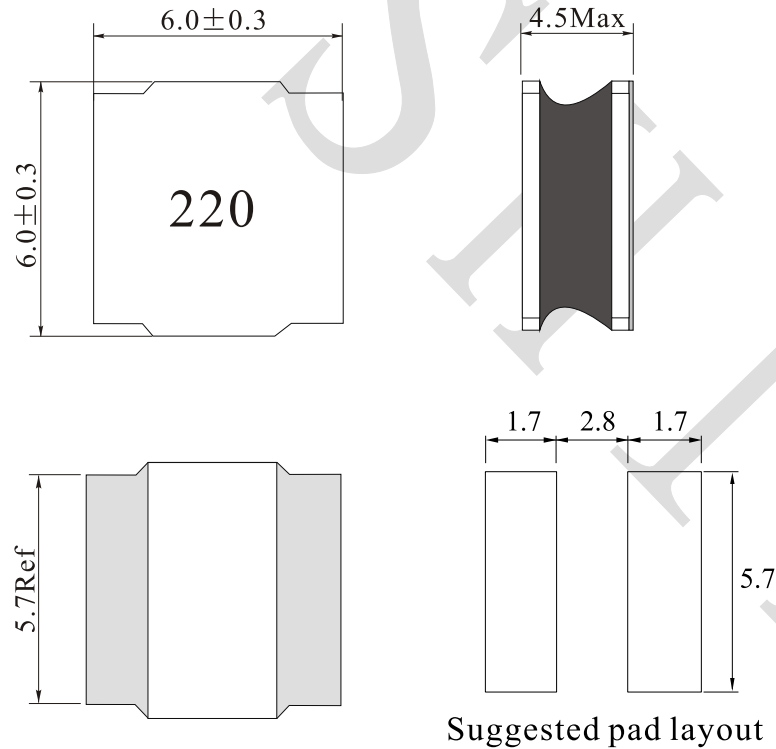
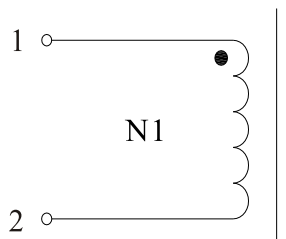


Rev.	Description	Date
A0	New release	2022.12.21

### 1. PHYSICAL CHARACTERISTICS (mm)



### 2. ELECTRONICAL SCHEMATIC



### 3. ELECTRONICAL SPECIFICATIONS

**L:** 22uH ± 20% @ 100KHz, 1V  
**DCR:** 136.5m Ω Max  
**Isat:** 2.4A (Inductance drop 30% Max)  
**Irms:** 1.9A (Temp. rise 40°C Max)  
**Operating Temperature:** -40°C to +125°C  
 (Temp. Rise included)

**Storage Temperature:** -40°C to +125°C

**Test Instrument:**

L: HP4284A, RDC: HM2540

**Note:**

1. Solderability: leads shall meet MIL-STD-202, Method 208D for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: >28%

NAME:	Magnetic Shielded inductors		
CUSTOMER P/N:	VLS6045EX-220M	DATE:	2022-12-21
SHINHOM P/N:	LPS6045-220M-1.9A	REV:	A0
			PAGE
DRAWN BY	CHECKED BY	APPROVE BY	



**SHINHOM**  
SHAANXISHINHOM ENTERPRISE CO LTD

The Document property belong to SHINHOM & is not allowed to be duplicated without authorization