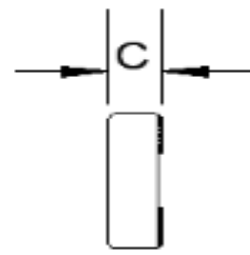
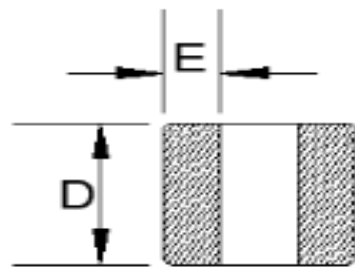
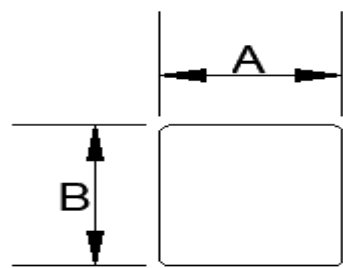


PRODUCT	ETC201610H-1R0MTT	COIL SPECIFICATION	DATE	2023/5/29
SPEC.NO.	2023-0529-11B		REV	A0

EXTERNAL DIMENSIONS :



A	: 2.0±0.3	m/m
B	: 1.6±0.3	m/m
C	: 1.0Max.	m/m
D	: 1.6±0.3	m/m
E	: 0.6±0.2	m/m

ELECTRICAL CHARACTERISTIC :

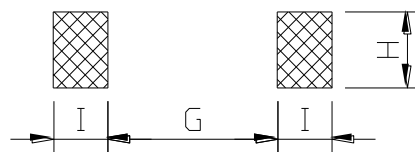
L(μH) :	1.0±20%	100KHz 1.0V
DCR(mΩ) :	59 Max.	53 (Typ.) (@25°C)
Isat(A) :	3.5	Typ. (L3.5A/L0A*100%≈70%)
INDUCTANCE DROP:	30% Typ.@ IDC	3.5A
Irms(A) :	3.0	Typ. (ΔT°C)≦40°C
Use Frequency Range:	5.5 MHz (REF)	
Operating Temperature Range:	-55°C ~+125°C	

SCHEMATIC DRAWING :



Equivaient Circuit

PCB PATTERN :



G	: 0.70	m/m (REF)
H	: 2.00	m/m (REF)
I	: 0.80	m/m (REF)

MATERIAL LIST :

NO	ITEM	MATERIAL	SUPPLIER OF THE MATERIAL
1	CORE		
2	BLAK		
3	COPPER		
4	COATING		
5	MARKING		