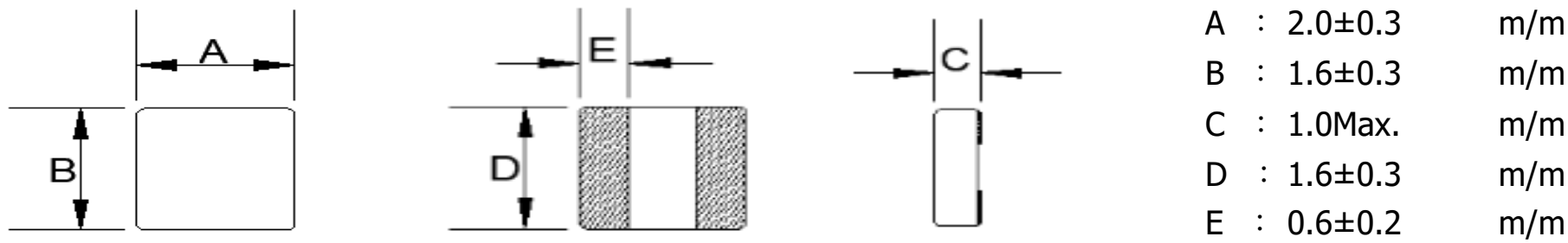


PRODUCT	ETC201610H-1R0MTT	COIL SPECIFICATION	DATE	2023/5/29
SPEC.NO.	2023-0529-11B		REV	A0

EXTERNAL DIMENSIONS :



ELECTRICAL CHARACTERISTIC :

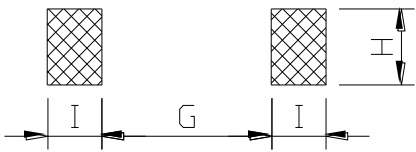
L(μH) :	1.0±20%	100KHz 1.0V
DCR(mΩ) :	59 Max.	53 (Typ.) (@25℃)
Isat(A) :	3.5	Typ. (L3.5A/L0A*100%≈70%)
INDUCTANCE DROP:	30% Typ.@ IDC	3.5A
Irms(A) :	3.0	Typ. (ΔT℃)≦40℃
Use Frequency Range: 5.5 MHz (REF)		
Operating Temperature Range: -55℃ ~+125℃		

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		