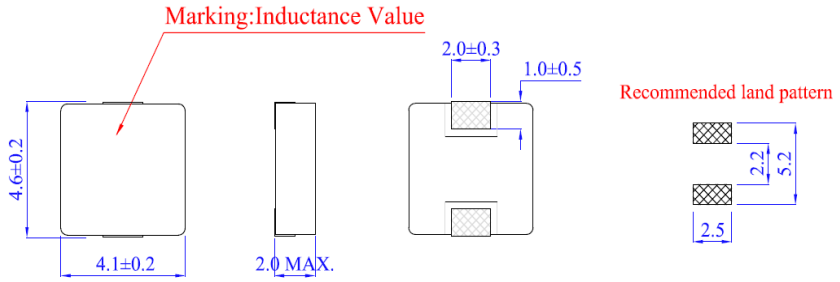
SPECIFICATION FOR APPROVAL

CUSTOMER			
CUSTOMER'S P/N		PAGE	
ARLITECH P/N	AMPI0420ED6R8MTA	REVISION	
DRAWN NO.		DATE	

SHAPE & DIMENSION (UNIT:mm)



Marking Code: **6R8**

ELECTRICAL SPECIFICATION

MEAS. ITEM	SPEC.				TEST FREQ.	CONDITIONS(Ta=20~25℃)
L	6.8	μH	±	20%	100KHz/1V	Idc=0A
DCR	180	mΩ	Max.			Ta=25℃
Isat	2.5	A	Max.		100KHz/1V	△L/L≦30%
Irms	2.0	A	Max.		100KHz/1V	△T≦40℃

※This product applies to Consumer Electronics only.
If needs to be used in high risk applications, please contact with our sales department .

GENERAL SPECIFICATION

Electrical specifications ：	at 20~25℃
Operation Temperature：	-40~+125℃ (Including self-temperature rise)
※The part temperature (ambient + temp rise) should not exceed 125℃ under the worst case operating conditions. Circuit design, component placement, PCB trace size and thickness, airflow and other cooling provision all affect the part temperature. Part temperature should be verified in the end application.	
Storage Condition：	+25℃±10℃,Humidity 40~70% RH

NOTE：

※Test Instrument： WAYNE KERR 3260B&3265B LCR Meter

※Isat： For Inductance drop 30% from its value without current.

※Irms： The value of D.C current when the temperature rise is △T≦40℃.(Ta=25℃)