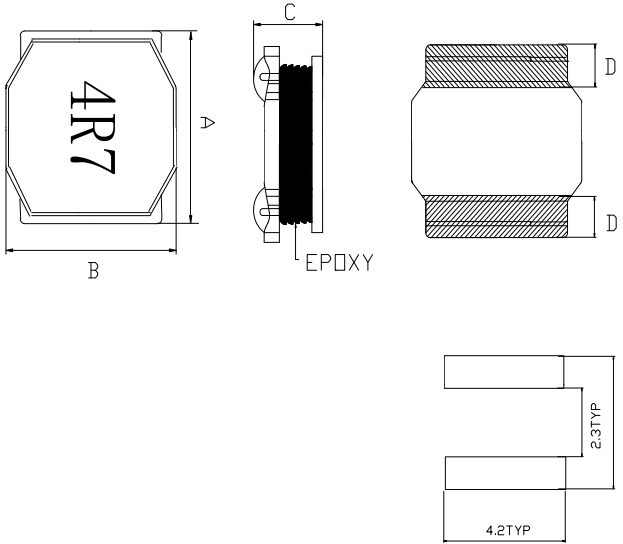


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD Power Inductors	Description	UT5040N-4R7M
PART NO.	305-70524	DATE	2018.01.02

<p>(1) DIMENSION(UNIT:mm)</p> 		A	5.0±0.2	mm
		B	5.0±0.2	mm
		C	3.8±0.4	mm
		D	1.5 REF	mm
		E		mm
				mm
				mm
				mm
				mm
				mm

(2) ELECTRICAL REQUIREMENTS					
TEST CONDITION	TEST VALUE	FREQUENCY		(3) TEST INSTRUMENTS	
		VOLTAGE	V	LCR-METER:	
L	4.7μH±20%	100KHz	1V	V	HP-4291A WK3260B
DCR	45.0mΩ±30%	KHz	V	V	DC RESISTANCE METER: WK3260B
Isat	4.2A Based on inductance change(ΔL/L0: ≤30%)	100KHz	1V	V	CURRENT SOURCE: TH2816B+1320
Irms	2.7A MAX(温升为40°C MAX)	100KHz	1V	V	CURRENT SOURCE: TH2816B+1320

(4) TURN:Ts(REF)

(5) MATERIAL LIST		
ITEM	MATERIAL	DESCRIPTION
1	CORE	N251H SDR 5.0-3.8-2.5-2.05S-P3
2	WIRE	G1-HØ0.26mm* 11.5Ts
3	INK	BLACK
4	SOLDER	PF629-B
5	EPOXY	DA-1001BK

REMARK:	APPROVED	CHECKED	DRAWN BY
	姜杰文	姜法寶	王艷