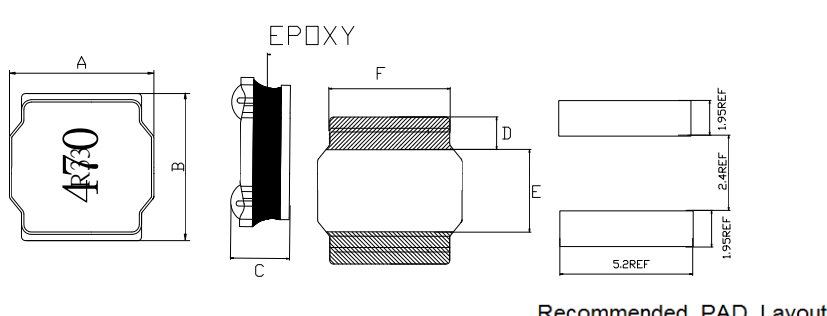


## SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD Power Inductors	Description	UT6045N-R33P
PART NO.	305-70531	DATE	2021.5.24

<p><b>(1) DIMENSION(UNIT:mm)</b></p>  <p style="text-align: center;">Recommended PAD Layout</p>		<b>A</b>	6.0±0.3	mm
		<b>B</b>	6.0±0.3	mm
		<b>C</b>	4.5 MAX	mm
		<b>D</b>	1.65REF	mm
		<b>E</b>	2.7REF	mm
		<b>F</b>	4.9REF	mm
		<b>a</b>		mm
		<b>b</b>		mm

<b>(2)ELECTRICAL REQUIREMENTS</b>			
TEST CONDITION	FREQUENCY	VOLTAGE	(3) TEST INSTRUMENTS
			LCR-METER:
<b>L</b>	0.33μH±30%	100KHz 1.0V	<b>V</b> HP-4291A
			<b>V</b> WK3260B
<b>DCR</b>	10.4mΩ (Max)	KHz V	<b>DC RESISTANCE METER:</b>
			<b>V</b> WK3260B
<b>Isat</b>	8.0A(Max)at L drop 30%(TYP)	100KHz 1.0V	<b>CURRENT SOURCE:</b>
			<b>V</b> TH2816B+1320
<b>Irms</b>	8.0A(Max) at ΔT=40°C (TYP)	100KHz 1.0V	<b>RFIMPEDANCE/MATERIAL ANALYZER</b>
			<b>TH2816B+1320</b>

**(4)TURN: 2.5TS(REF)**

<b>(5)MATERIAL LIST</b>			
ITEM	MATERIAL	DESCRIPTION	UL NO.
1	CORE	SDR6*6*4.4(T-1)D3-D B3.1,F2.5,N0.45	
		SDR6.0*6.0*4.4 STM B3.1,F2.5	
2	WIRE	G1-HØ0.4mm	E258243
3	SOLDER	PF604-B	
4	EPOXY	DA-1001BK	
5	INK	Black	

<b>REMARK:</b>	<b>APPROVED</b>	<b>CHECKED</b>	<b>DRAWN BY</b>
	姜傑文	姜法寶	王艷