

## SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD Power Inductors	Description	UT201610N-1R5M
PART NO.	305-97418	DATE	2017.06.17

<p><b>(1) DIMENSION(UNIT:mm)</b></p>		<b>L</b>	1.6+0.3/-0.1	mm
		<b>W</b>	2.0+0.3/-0.1	mm
		<b>H</b>	1.0Max	mm
		<b>e</b>	0.6REF	mm
		<b>A</b>	2.4	mm
		<b>B</b>	0.8	mm
		<b>C</b>	0.8	mm
		<b>D</b>	1.8	mm
				mm

(2) ELECTRICAL REQUIREMENTS					
TEST CONDITION		FREQUENCY		(3) TEST INSTRUMENTS	
		VOLTAGE		LCR-METER:	
<b>L</b>	1.5μH±20%	1MHz	0.1V	<b>V</b>	WK3260B TH2816B
<b>DCR</b>	0.174Ω (Max)	KHz	V	<b>V</b>	DC RESISTANCE METER: WK3260B
<b>Isat</b>	1.35A (Max) at L drop 30%(TYP)	100KHz	0.1V	<b>V</b>	CURRENT SOURCE: TH2816B+1320
<b>Irms</b>	1.3A (Max) at Δ T=40°C (TYP)	100KHz	0.1V	<b>V</b>	RFIMPENDANCE/MATERIAL ANALYZER TH2816B+1320
		KHz	V		GW PUNCTURE INSULATION TESTER

**(4) TURN: 10.5TS(REF)**

(5) MATERIAL LIST		
ITEM	MATERIAL	DESCRIPTION
1	CORE	TSD2..0*1.6*0.9T B0.85 F0.48
2	WIRE	E180G1-Ø0.09mm
3	GLUE	DA-1001BK

REMARK:	APPROVED	CHECKED	DRAWN BY
	姜杰文	姜法寶	王艷