

## SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD Power Inductors	Description	UT3015N-2R2M-2
PART NO.	305-97103	DATE	2016.11.9

<p><b>(1) DIMENSION(UNIT:mm)</b></p>		<b>A</b>	3.0±0.2	mm
		<b>B</b>	3.0±0.2	mm
		<b>C</b>	1.5MAX	mm
		<b>D</b>	1.5REF	mm
		<b>E</b>	0.9REF	mm
		<b>F</b>	2.78REF	mm
				mm
				mm

(2) ELECTRICAL REQUIREMENTS			
TEST CONDITION	FREQUENCY	VOLTAGE	(3) TEST INSTRUMENTS
			LCR-METER:
<b>L</b>	2.2μH±20%	1.0MHz 1V	<b>HP-4291A</b>
			<b>V</b> <b>TH2816+1320</b>
<b>DCR</b>	80m Ωmax		<b>DC RESISTANCE METER:</b>
			<b>V</b> <b>WK3260B</b>
<b>Isat</b>	1.48A Based on inductance change(ΔL/L0:≤30%)	100KHz 1V	<b>CURRENT SOURCE:</b>
			<b>V</b> <b>TH2816+1320</b>
<b>Irms</b>	1.6A MAX (温升为40℃ MAX)	100KHz 1V	<b>RFIMPENDANCE/MATERIAL ANALYZER</b>
			<b>V</b> <b>TH2816+1320</b>
		MHz V	<b>GW PUNCTURE INSULATION TESTER</b>

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

(5) MATERIAL LIST			
ITEM			
1	CORE	LQH 3*3*1.35-1.35 FH20	
2	WIRE	G1-HØ0.14mm*7.5Ts	
3	EPOXY	DA-1001BK	
4	INK	BLACK	

<b>REMARK:</b>	<b>APPROVED</b>	<b>CHECKED</b>	<b>DRAWN BY</b>
	姜杰文	姜法寶	王艷