

## SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD Power Inductors	Description	UT252012N-2R2M-D
PART NO.	305-70512	DATE	2017.02.15

<p><b>(1) DIMENSION(UNIT:mm)</b></p> <p style="text-align: center;"><b>PCB Layout</b></p>		<b>L</b>	2.0±0.2 mm
		<b>W</b>	2.5±0.2 mm
		<b>H</b>	0.9±0.1 mm
		<b>e</b>	0.4±0.2 mm
		<b>A</b>	2.7 mm
		<b>B</b>	0.8 mm
		<b>D</b>	2.2 mm
			mm

(2) ELECTRICAL REQUIREMENTS			
TEST CONDITION	TEST VALUE	FREQUENCY	(3) TEST INSTRUMENTS
		VOLTAGE	LCR-METER:
<b>L</b>	2.2μH±20%	1MHz 0.25V	HP-4291A V WK3260B
<b>DCR</b>	0.13Ω±30%	KHz V	DC RESISTANCE METER: V WK3260B
<b>Isat</b>	2.1A (Max)at L drop 30% Max	1MHz 0.25V	CURRENT SOURCE: V WK3260B
<b>Irms</b>	1.9A (Max) at Δ T=40°C (Max)	1MHz 0.25V	RFIMPEDANCE/MATERIAL ANALYZER V WK3260B
		KHz V	GW PUNCTURE INSULATION TESTER

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

(5) MATERIAL LIST		
ITEM	MATERIAL	DESCRIPTION
1	CORE	M13D DR2.5*2.15*1.11
2	WIRE	P180 Ø0.12*10TS
3	EPOXY RESIN	TS501

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