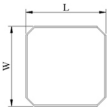



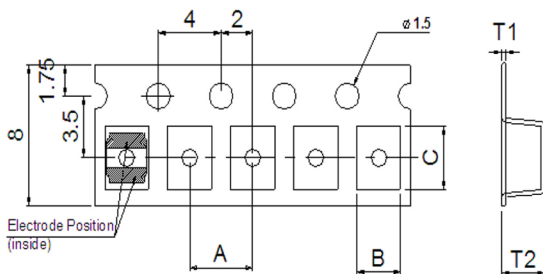


## SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	330	
ITEM	SMD Power Inductors	Description	UT3012N-330P	
PART NO.		DATE	2013.10.08	
(1) DIMENSION(UNIT:mm)				
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  <p>SCHEMA</p> </div> </div>			L	3.0±0.1 mm
			W	3.0±0.1 mm
			H	1.2 Max mm
			e	0.9±0.2 mm
				mm
				mm
				mm
(2)ELECTRICAL REQUIREMENTS				
TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS	
		VOLTAGE		LCR-METER:
L	33.0μH±30%	100KHz 1V	HP-4291A	
			V WK3260B	
DCR	1.03Ω±20%	KHz V	DC RESISTANCE METER:	
			V WK3260B	
Isat	0.31A (Max)atLdrop30%TYP	100KHz 1V	CURRENT SOURCE:	
			V WK3260B	
Irms	0.33A (Max)atΔT=40°C	100KHz 1V	RFIMPEDANCE/MATERIAL ANALYZER	
			V WK3260B	
		KHz V	GW PUNCTURE INSULATION TESTER	
(4)TURN: TS(REF)				
(5)MATERIAL LIST				
ITEM	MATERIAL	DESCRIPTION		
1				
2				
3				
4				
REMARK:		APPROVED	CHECKED	
			DRAWN BY	

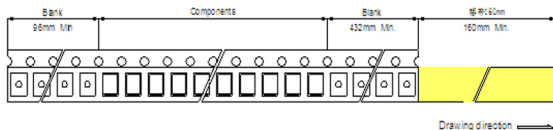
CUSTOMER		CUST P/N.	330
ITEM	SMD Power Inductors	Description	UT3012N-330P
Part No.		DATE	2013.10.08

**CARRIER, COVER, REEL SPECIFICATIONS(UNIT:mm):**

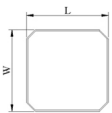

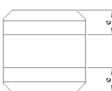



Product	Product's thickness (mm)	A (mm)	B (mm)	C (mm)	T1 (mm)	T2 (mm)	QTY
FNR3012	1.2MAX	4.0	3.2	3.2	0.3	1.8	2,000Pcs/reel

(2) Terminal part and leader part tape

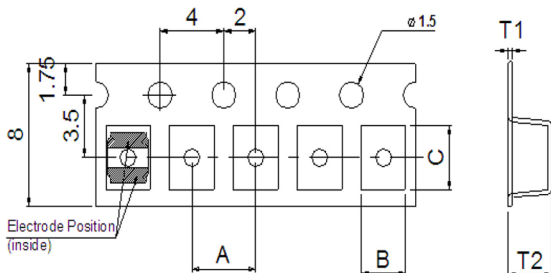


**SPECIFICATION FOR APPROVAL**

CUSTOMER		CUST P/N.	470
ITEM	SMD Power Inductors	Description	UT3012N-470P
PART NO.		DATE	2013.10.08
(1) DIMENSION(UNIT:mm)		L	3.0±0.1 mm
		W	3.0±0.1 mm
		H	1.2 Max mm
		e	0.9±0.2 mm
			mm
			mm
			mm
			mm
			mm
(2)ELECTRICAL REQUIREMENTS			
TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS
		VOLTAGE	LCR-METER:
L	47.0μH±30%	100KHz 1V	HP-4291A
			V WK3260B
DCR	1.45Ω±20%	KHz V	DC RESISTANCE METER:
			V WK3260B
Isat	0.25A (Max)atLdrop30%TYP	100KHz 1V	CURRENT SOURCE:
			V WK3260B
Irms	0.28A (Max)atΔT=40°C	100KHz 1V	RFIMPEDANCE/MATERIAL ANALYZER
			V WK3260B
		KHz V	GW PUNCTURE INSULATION TESTER
(4)TURN: TS(REF)			
(5)MATERIAL LIST			
ITEM	MATERIAL	DESCRIPTION	
1			
2			
3			
4			
REMARK:		APPROVED	CHECKED
			DRAWN BY

CUSTOMER		CUST P/N.	470
ITEM	SMD Power Inductors	Description	UT3012N-470P
Part No.		DATE	2013.10.08

**CARRIER, COVER, REEL SPECIFICATIONS (UNIT:mm):**



Product	Product's thickness (mm)	A (mm)	B (mm)	C (mm)	T1 (mm)	T2 (mm)	QTY
FNR3012	1.2MAX	4.0	3.2	3.2	0.3	1.8	2,000Pcs/reel

(2) Terminal part and leader part tape

