

SPECIFICATION FOR APPROVAL

CUSTOMER: _____ PART NO: 20221024G01

DESCRIPTION: FSP0410-471J-NP SUBMIT NO: _____

QUANTITY: _____ PCS DATE: 2022/10/24

方瑞达电子（香港）有限公司		
FONRITA ELECTRONICS (H.K) CO., LTD.		
MADE	CHECKED	APPROVED
张达	黎敏	邓锋

贵公司承认栏		
APPROVED BY MANGEMNT		
MADE	CHECKED	APPROVED



方瑞达电子（香港）有限公司

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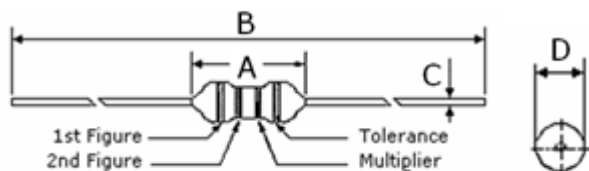
TEL:0755-26617190

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CUSTOMER :		PART NO.	20221024G01
SPECIFICATIONS		DATE	2022/10/24
PART NAME	DATA SHEET	SPEC(TYPE)	FSP0410-471J-NP

TEST INSTRUMENT

- 1. HP 4342A PRECISION LCR METER
- 2. WAYNE PMA3260A LCR METER
- 3. ZENTECH 9052 PROGRAMMABLE AUTO SAFETY TESTER
- 4. WAYNE KERR 3265A CURRENT SOURCE



A	10.5Max	m/m
B	65.0Max	m/m
C	0.45±0.1	m/m
D	4.5Max	m/m

ELECTRICAL CHARACTERISTICS						DIMENSION		
ITEM	L (μH)	RDC(Ω)	IDC(mA)	Q	SRF(MHz)	A	B	C
SPEC.	0.796MHz	Max.	Max.	Min.	Min.	m/m	m/m	m/m
	470±5%	8.05	126	60	2.25	10.5Max	65.0Max	0.45±0.1
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
\bar{X}								
R								
TEST CONDITION		TEMP:	25°C			HUMIDITY:	50%	
DRAWN BY			CHECKED BY			APPROVED BY		
张达			黎敏			邓锋		



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CUSTOMER :		PART NO.	20221024G01
SPECIFICATIONS		DATE	2022/10/24
PART NAME	MATERIAL LIST	SPEC(TYPE)	FSP0410-471J-NP

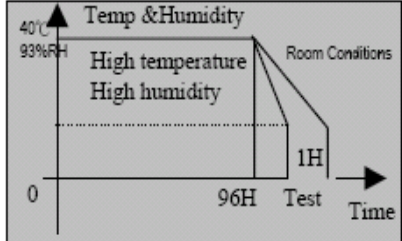
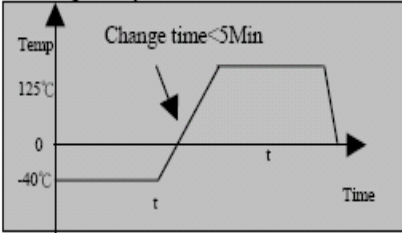
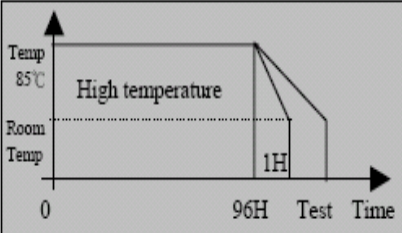
■ MATERIAL LIST

ITEM	MATERIAL	SUPPLIER OF MATERIAL	UL NO.
CORE	FERRITE	FENGYIN ELECTRONICS CORP.	
		OR EQUIA	
WIRE	MAGNET WIRE	XINGNING JINYAN ELECTRICAL CO.,LTD.	E238500
		OR EQUIA	
Wire Temperature	155°C		
Classification			
SOLDER	Sn/3.0Ag/0.5Cu	SHENMAO TECHNOLOGY CO., LTD. OR EQUIA	

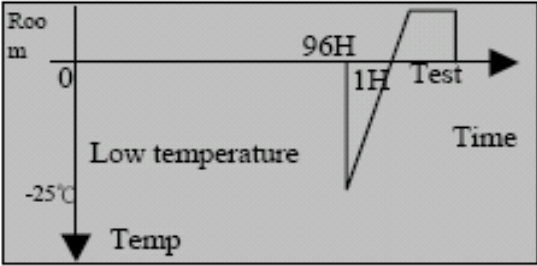
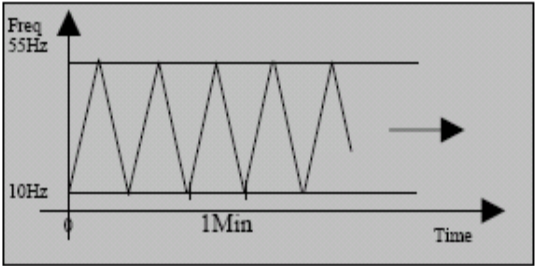
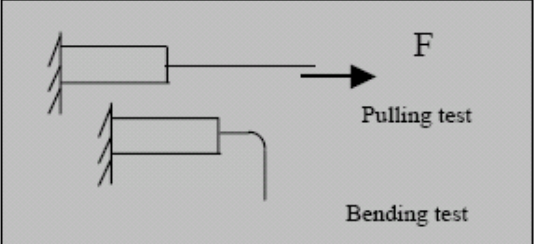


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CUSTOMER :		PART NO.	20221024G01
SPECIFICATIONS		DATE	2022/10/24
PART NAME	RELIABILITY TEST	SPEC(TYPE)	FSP0410-471J-NP
ITEM	REQUIRED CHARACTERISTICS	TEST METHOD	
HUMIDITY TEST	<ol style="list-style-type: none"> 1. NO DEFORMATION OR CHANGE IN APPEARANCE. 2. $\Delta L/L \leq 10\%$ 3. $\Delta Q/Q \leq 30\%$ 4. $\Delta DCR/DCR \leq 10\%$ 	<ol style="list-style-type: none"> 1. DRY OVEN AT A TEMPERATURE OF $40^{\circ}\text{C} \pm 5^{\circ}\text{C}$ FOR 24 HOURS. 2. MEASUREMENTS AT THE END OF THIS PERIOD 3. EXPOSURE: TEMPERATURE: $40^{\circ}\text{C} \pm 2^{\circ}\text{C}$, HUMIDITY: $93 \pm 3\% \text{RH}$ TIME: 96 ± 2 HOURS. 4. TESTED WHILE THE SPECIMENS ARE STILL IN THE CHAMBER 5. TESTED NOT LESS THAN 1 HOUR, NOR MORE THAN 2 HOURS AT ROOM TEMPERATURE. 	
THERMAL SHOCK TEST	<ol style="list-style-type: none"> 1. NO CASE DEFORMATION OR APPEARANCE CHANGE IN 2. $\Delta L/L \leq 10\%$ 3. $\Delta Q/Q \leq 30\%$ 4. $\Delta DCR/DCR \leq 10\%$ FOR T:WEIGHT $\leq 28\text{G}:15\text{Min}$; $28\text{G} \leq \text{WEIGHT} \leq 136\text{G}:30\text{Min}$ 		
HIGH TEMPERATURE STORAGE TEST	<ol style="list-style-type: none"> 1. NO DEFORMATION OR CHANGE IN APPEARANCE. 2. $\Delta L/L \leq 10\%$ 3. $\Delta Q/Q \leq 30\%$ 4. $\Delta DCR/DCR \leq 10\%$ 	TEMPERATURE: $85 \pm 2^{\circ}\text{C}$ TIME: 96 ± 2 HOURS TESTED NOT LESS THAN 1 HOUR, NOR MORE THAN 2 HOURS AT ROOM TEMPERATURE. 	



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SPECIFICATIONS		DATE	2022/10/24
PART NAME	FSP TYPE	SPEC(TYPE)	FSP0410-471J-NP
LOW TEMPERATURE STORAGE TEST	<ol style="list-style-type: none"> 1. NO DEFORMATION OR CHANGE IN APPEARANCE. 2. $\Delta L/L \leq 10\%$ 3. $\Delta Q/Q \leq 30\%$ 4. $\Delta DCR/DCR \leq 10\%$ 	<p>TEMPERATURE:-25±2°C TIME: 96 ± 2 HOURS TESTED NOT LESS THAN 1 HOUR, NOR MORE THAN 2 HOURS ATTEMPERATURE. ROOM TEMPERATURE.</p> 	
VIBRATION TEST	<ol style="list-style-type: none"> 1. NO CASE DEFORMATION OR CHANGE IN APPEARANCE. 2. $\Delta L/L \leq 10\%$ 3. $\Delta Q/Q \leq 30\%$ 4. $\Delta DCR/DCR \leq 10\%$ 	<p>APPLY FREQUENCY 10~55Hz. 0.75mm AMPLITUDE IN EACH OF PERPENDICULAR DIRECTION FOR 2 HOURS. (TOTAL 6 HOURS)</p> 	
TERMINAL STRENGTH	<ol style="list-style-type: none"> 1. TERMINAL SHOULD NOT COME OUT 2. $\Delta L/L \leq 10\%$ 3. $\Delta Q/Q \leq 30\%$ 4. $\Delta DCR/DCR \leq 10\%$ 	<p>A. PULL FORCE:0.45Kg;THE FORCE SHALL BE APPLIED GRADUALLY TO THE TERMINAL AND THEN MAINTAINED FOR 10 SECONDS.</p> <p>C. WIRE-LEAD BEND:0.23Kg, THE RATE OF BENDING SHALL BE APPROXIMATELY 3 SECONDS PER BEND IN EACH DIRECTION. THE LOAD SHALL BE SUSPENDED AT A POINT WITHIN 1/4 INCH FROM THE FREE END OF THE TERMINAL.</p> 	



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PART NAME	FSP TYPE	SPEC(TYPE)	FSP0410-471J-NP
HEAT ENDURANCE OF FLOW SOLDERING	1. NO CASE DEFORMATION OR CHANGE IN APPEARANCE. 2. $\Delta L/L \leq 10\%$ 3. $\Delta Q/Q \leq 30\%$ 4. $\Delta DCR/DCR \leq 10\%$	1. DIP PADS IN FLUX THEN DIP IN SOLDER POT AT $260\pm 5^{\circ}\text{C}$ FOR 10 SECONDS. 2. SOLDER: Sn (96)/Ag(4) 3. FLUX: ROSIN FLUX	
SOLDERABILITY TEST	TERMINALS AREA MUST HAVE 95% SOLDER COVERAGE.	1. DIP PADS IN FLUX THEN DIP IN SOLDER POT AT $245\pm 5^{\circ}\text{C}$ FOR 5 SECONDS. 2. SOLDER: Sn(96)/Ag(4) 3. FLUX: ROSIN FLUX	



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