



汇隆电子(金华)有限公司

HUILONG ELECTRONIC (JINHUA) CO.,LTD

SPECIFICATION FOR APPROVAL

CUSTOMER _____

NOMINAL FREQUENCY _____ 26.000000 MHz _____

HOLDER TYPE _____ 2520 _____

SPEC. NO. (P/N) _____ HH26000027 _____

CUSTOMER P/N _____ TZ3277CP _____

ISSUE DATE _____ Aug.1,2019 _____

APPROVED	PREPARED	QA
		
APPROVED BY CUSTOMER :		AVL Status
Please return one copy with approval toHLC		

浙江省金华市经济开发区工业园区秋涛北街
399號

No.399 Qiutao North Str.,Industrial
Area,Economic Development
Zone,Jinhua,Zhejiang,China
TEL: 0086-579-82273331



ISO9001
ISO14001



RoHS Compliant (Pb- Free)



TYPE HH SEAM SEALED X'TAL

ELECTRICAL SPECIFICATIONS

HLC Parts Number : HH26000027

Item	Symbol	Specifications				Notes
		Min	Type	Max	Units	
Nominal frequency	FO	26.000000			MHz	
Mode of Oscillation	OT	Fundamental				
Load Capacitance	LC	9			pF	
Frequency Tolerance	FT	± 10			ppm	at 25°C $\pm 3^\circ\text{C}$
Frequency Stability		± 15			ppm	with working temperature Reference to 25°C
Working temperature rang	TR	-40~85			°C	
Drive Level	DL		50	100	μW	
Series Resonant Resistance	CI/RR	30			Ω	Max.
Insulation Resistance	IR	>500			M Ω	
Shunt Capacitance C0	C0	0.7 $\pm 10\%$			pF	
Motional Capacitance C1	C1	2.8 $\pm 10\%$			fF	
Aging		3			ppm/yr.	
Storage temperature range		-55 ~ 125			°C	
Unit Weight					g	

Circuit : Measured by SAUNDERS & ASSOCIATES 250B-1
NETWORK ANALYZER

Insulation Resistance : More Than 500 M Ω at DC 100V

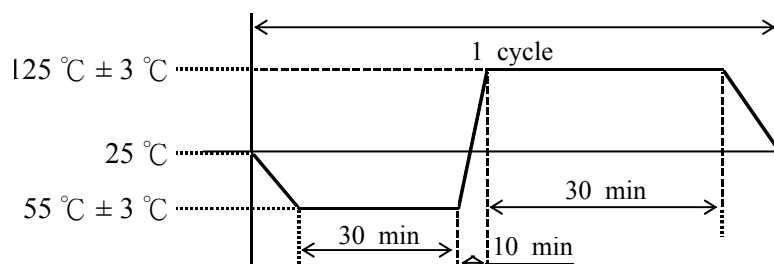
Hermetically (1)Fine Leak : Helium Bombing 4kg/cm² for 1 Hours
(2)Gross Leal : Leak Rate Less Than 1*10⁻⁹ Pa · m³/sec
By Heliot 701W1 M/C



TYPE HH SEAM SEALED X'TAL

RELIABILITY SPECIFICATIONS

NO.	TEST ITEM	TEST METHODS
1	DROP TEST	Device are dropped from a height of 75 cm onto 2 mm thickness stainless plate executing 3 times of random drops.
2	MECHANICAL SHOCK	Device are shocked to half sine wave (1000 G) three mutually perpendicular axes each 3 times.
3	VIBRATION	Frequency range 10 ~ 2000 Hz Amplitude 1.5 mm Sweep Time 20 minute Test Time 2 hours
4	SOLDERABILITY	MIL - STD - 20E Method 208C Temperature 245°C±5°C Material H63A (Silver 2 ~ 3 %) Immersion depth 0.5 mm minimum Immersion time 3 ± 0.5 seconds Flux Rosin resin methyl alcohol solvent (1 : 4)
5	RESISTANCE TO SOLDERING HEAT	MIL - SLD -202, Method 210, Condition I or J 10 sec immersion into 260 ± 5°C solder pot, above 180°C is 90 ~ 120 sec.
6	LOW TEMP. STORAGE	Leave at - 55 °C ± 2°C for 1000 ± 12 hours
7	HIGH TEMP. STORAGE	Leave at 125 °C ± 2°C for 1000 ± 12 hours
8	THERMAL SHOCK	Total 100 cycles of the following temperature cycle





TYPE HH SEAM SEALED X'TAL

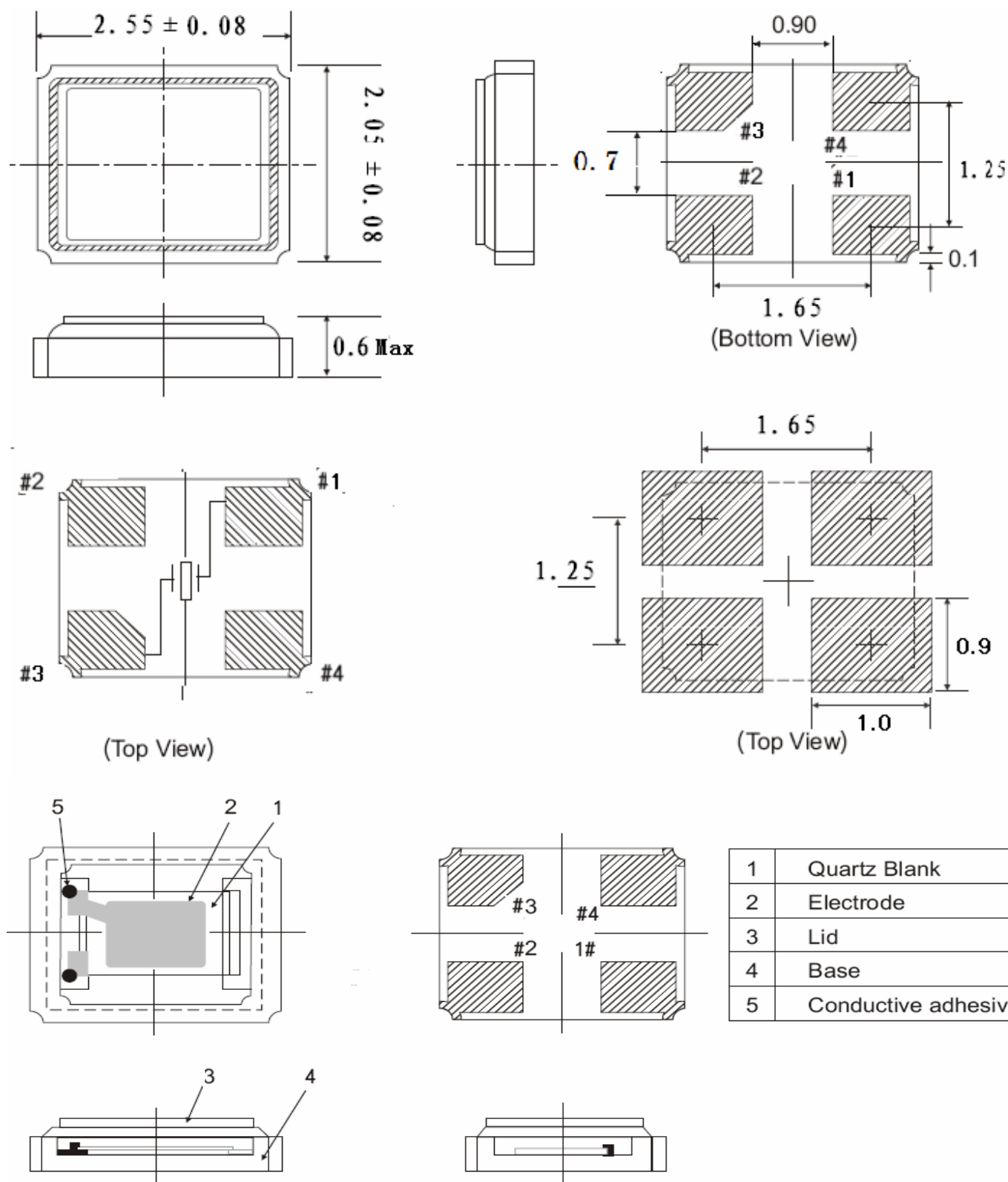


HUILONG ELECTRONIC (JINHUA) CO.,LTD



TYPE HH SEAM SEALED X'TAL

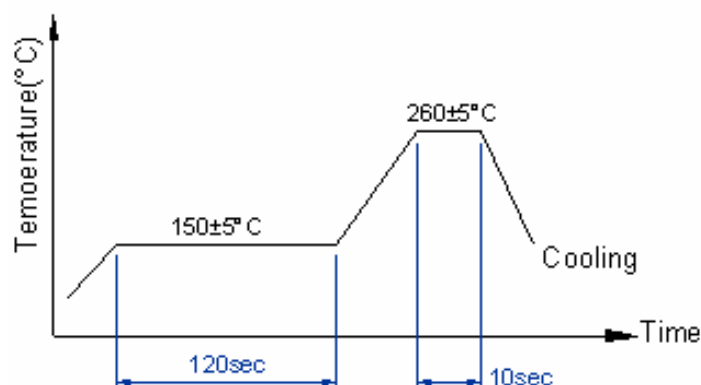
DIMENSIONS





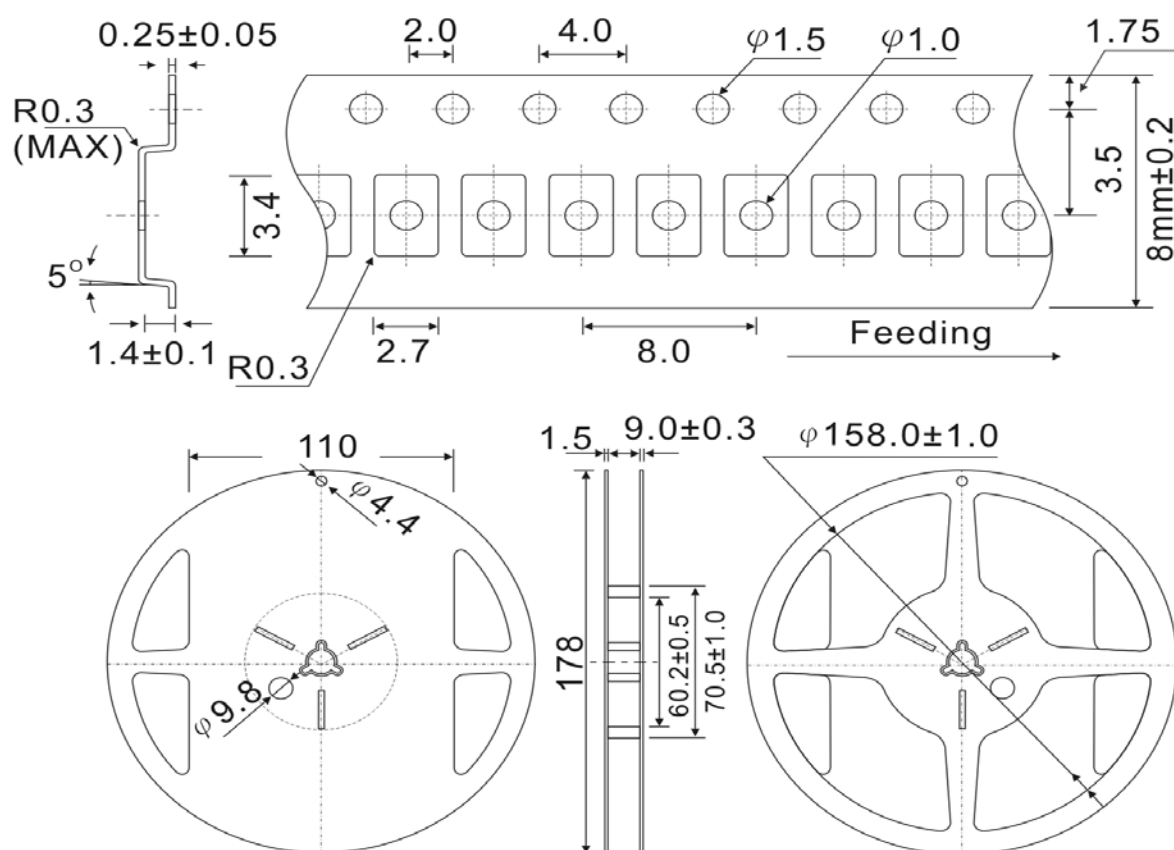
TYPE HH SEAM SEALED X'TAL

SUGGESTED IR REFLOW PROFILE



Total Time : 200 Sec.Max
Solder melting point : 185°C

PACKING



1. 230mm minimum leader which consist of carrier and/or tape followed by a minimum of 160mm of empty carrier tape sealed with cover tape.
2. 160mm minimum trailer of empty carrier tape sealed with cover tape.

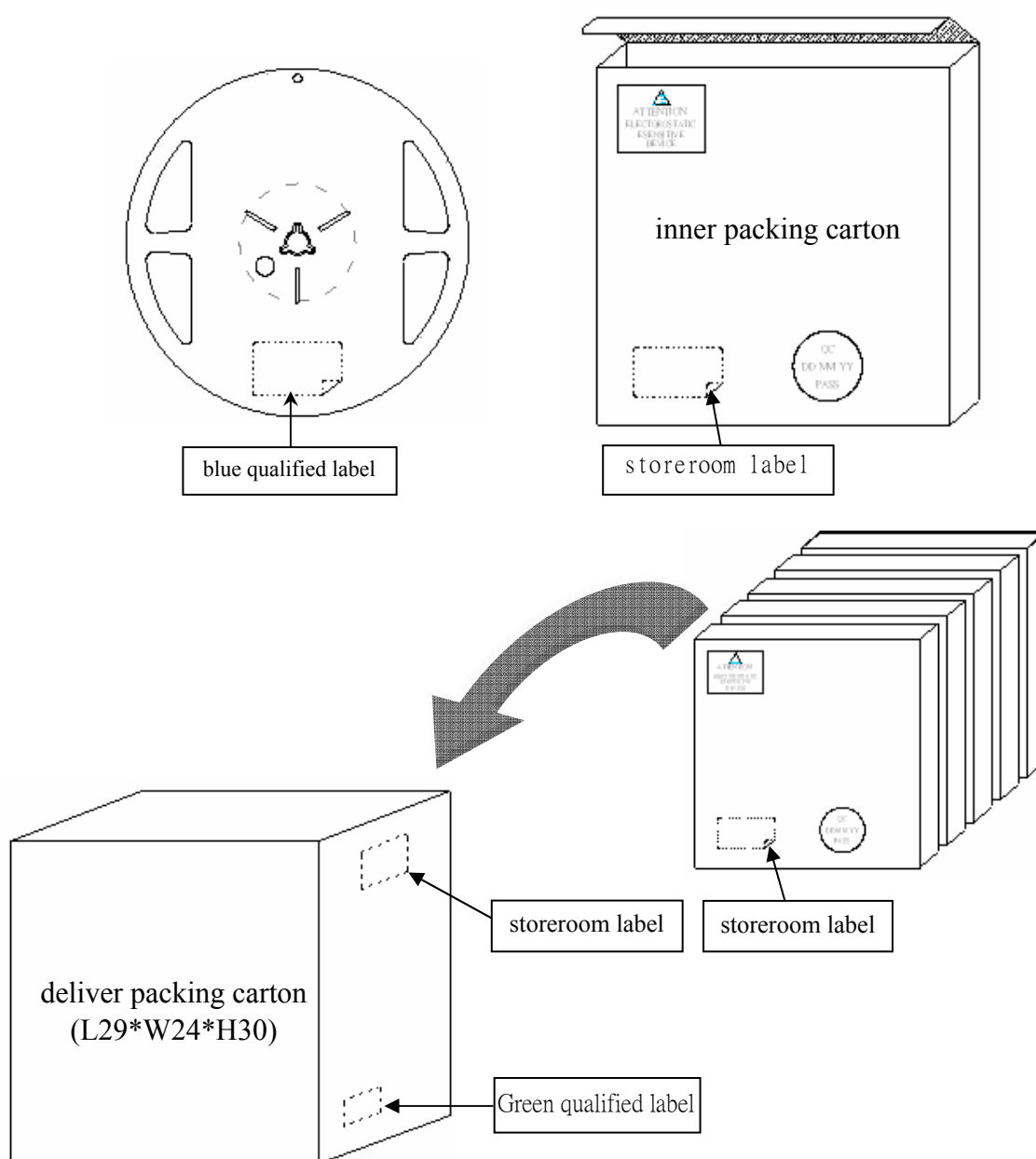
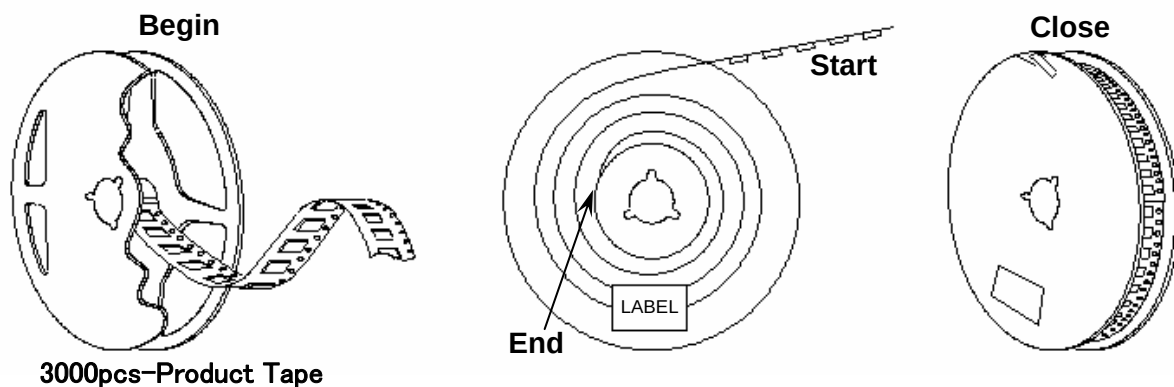
HUILONG ELECTRONIC (JINHUA) CO.,LTD

H0-R-4-014



TYPE HH SEAM SEALED X'TAL

PACKING



HUILONG ELECTRONIC (JINHUA) CO.,LTD