

Customer Code: _____

DATASHEET

DAPU P/N: 35U-9.6MHzRDTEMPH900226

DAPU			Customer Approval
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2017.06.29			

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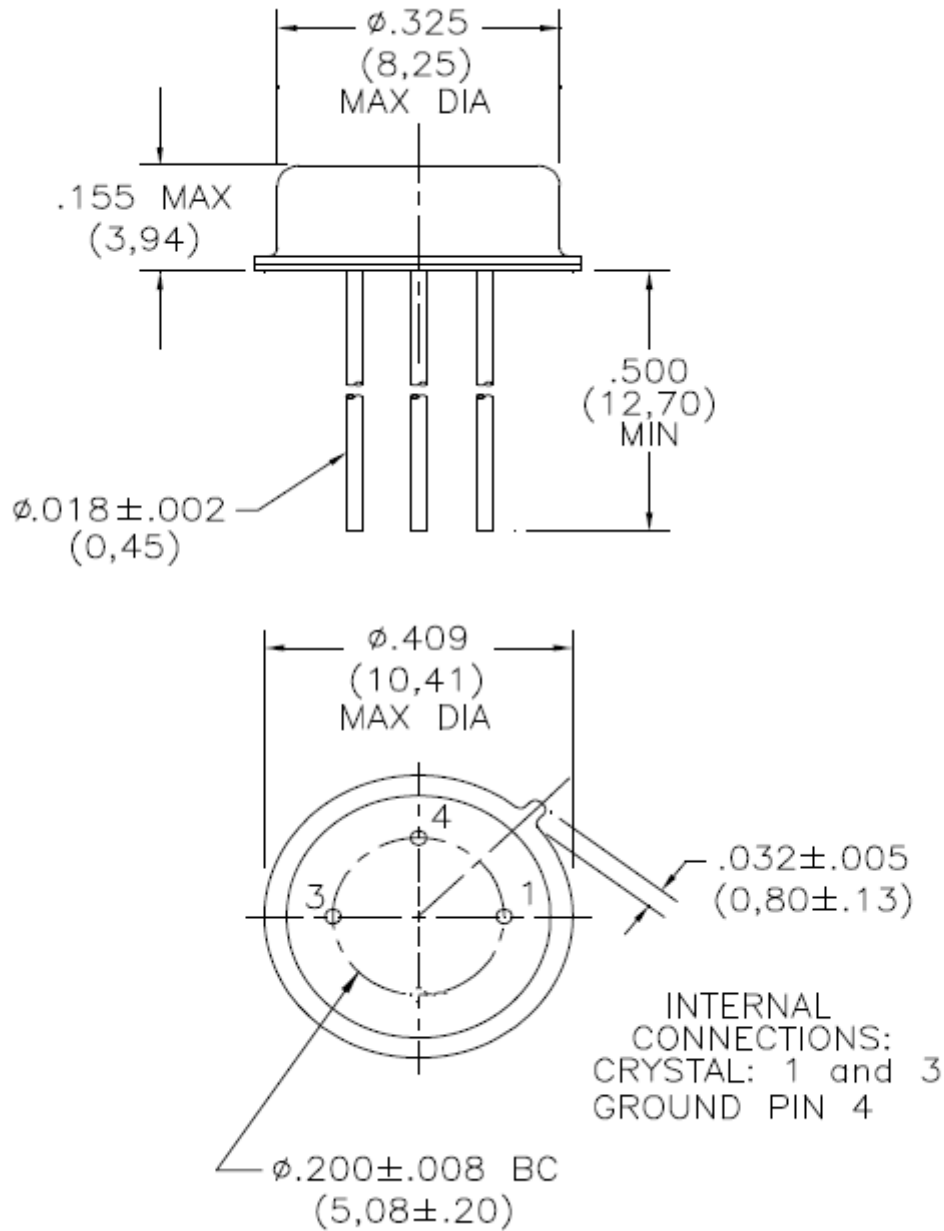


1. Electrical Parameters

MODEL: 35U-9.6MHz								
No.	Parameters		SYM.	Electrical Spec.				Notes
				Min.	Typ.	Max.	Units	
1	Nominal Frequency		FL	9.6			MHz	
2	Oscillation Mode		-	3th overtone			-	SL-CUT
3	Load Capacitance		CL	20			pF	
4	Calibration		-	-4.5	-	-0.5	$\times 10^{-6}$	at 96.5 deg C
5	Turnover Point	IT	-		88		°C	LTP is in the range of 77 to 90 (Reference only)
		UTP	-	90		103		
6	Aging		-	-0.05	-	+0.05	$\times 10^{-6}$	Per Year
7	Drive Level		DL	-	100	-	uW	
8	Effective Series Resistance		ESR	-	-	150	Ω	
9	Motional Capacitance C1		-	-	0.133	-	fF	
10	Shunt Capacitance C0		-	-	1.4	-	pF	
11	Quality Factor Q		-	800	-	-	K	
12	DLD2		-	-	-	15	Ohms	
13	Insulation Resistance		-	500	-	-	M Ω	at DC 100V
14	G-sensitivity		<1.0 ppb/g per axis.				-	
15	ESD Level		Human Body Model,class2: 2000V to 4000V; ANSI/ESDA/JEDEC JS-001-2010.					
			Machine Model, class B: 200V to 400V; ANSI/ESDA/JEDEC JS-001-2010.					
16	Moisture Sensitivity Level		Not humidity sensitive.					
17	Vibration		Test Condition: 0.75mm ;acceleration:10g;10Hz~2000Hz, one cycle per 30 min, test 2 hour. (3 times for each 3 directions X ,Y , Z) .IEC 68-2-06 Test Fc.					
18	Shock		100g; 6ms; half sine wave (3 times for each 3 directions X ,Y, Z),IEC 68-2-27 Test Ea/Severity 50A.					
19	Full Package Storage		Relative humidity (%)		20% ~70%			
			Temperature (°C)		-10~35°C			



2. Mechanical Structure (mm)



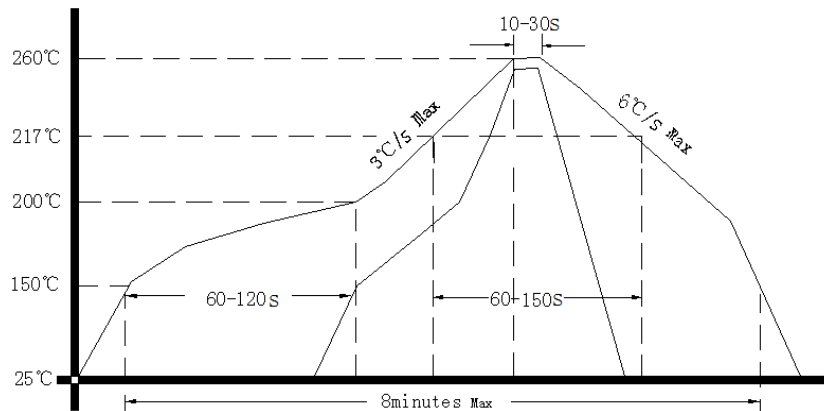
Note1: Tolerance ± 0.2 mm

Note2: There are four stents inside

Note3: There are three pins outside



3. Reflow Soldering Curve (RoHS)



4. Package

