

# PIEZO ELEMENT SPECIFICATION

Customer:		Part No:		
Product: Piezoelectric elements		Part No:13T-13AD with 20MM Wire		
一、 Configuration				
Appearance and dimension: see the drawing				
Material		Piezoelectric		
Configuration		1:plane√	2:discal	
Electrode form		A: fullness √	B: feedback	
Metal material		T: brass √ G: stainless steel N: nickel		
二、 Electrical specification				
Resonant frequency (kHz)		Fs=13±1		
Resonant impedance (Ω)		Rr≤400Ω		
Capacitance at 1000Hz (PF)		C0 =55000±30%		
Operating temperature (°C)		-20~+70		
Storage temperature (°C)		-30~+80		
Piezoelectric elements		Soldering Parameter		
Manual Soldering process		Temp.( 0C)	Time(Sec.)	Times
Inclusive Lead	silver electrode	280±10	1.5 second or less.	1~2
	metal plate	320±10	2 second or less.	1~2
Lead Free	★ silver electrode	320±10	2 second or less.	1~2
	★ metal plate	350±10	3 second or less.	1~2
Solder Dot: Diameter MAX 3.0mm, High MAX 1.5mm,				
Soldering sequence: 1、 silver electrode 2、 metal plate				

Remark: BHH Instance Soldering Process

APPEARANCE UNIT: mm

