

PIEZO ELEMENT SPECIFICATION

File Code : RDYP

Rve:

Customer:	Part No:
Product: Piezoelectric elements	SWT Part No: 3B31+2.6SA

一、 Configuration

Appearance and dimension: see the drawing	
Material	Piezoelectric
Configuration	1: plane 2: discal
Electrode form	A: fullness B: feedback
Metal material	B: brass S: stainless steel N: nickel

二、 Electrical specification

Resonant frequency (KHz)		Fr =2.6 ± 0.5		
Resonant impedance ()		Rr 500		
Main electrode static capacity (nF)		C _M =21 ± 30%		
Feedback electrode static capacity(nF)		CF=2.6 ± 30%		
Operating temperature ()		-20 ~ +70		
Storage temperature ()		-30 ~ +80		
Piezoelectric elements		Soldering Parameter		
Manual Soldering process		Temp.()	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	340±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: SWT Instance Soldering Process

APPEARANCE unit: mm

