

PIEZO ELEMENT

Page 1 of 2

RPE-9.800-9001-GK-NS1

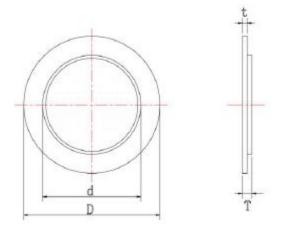




Electrical Specifications

PARAMETERS		VALUE	UNIT	
Resonant Frequency		9800±1500	Hz	
Resonant Impedance, max		1500	Ω	
Allowable Input Voltage, max		30	Vp-p	
Static Capacitance	@ 100Hz		10.5±30%	nF
Insulation Resistance, min	@ 10VDC		500	ΜΩ
Operating Temperature Range			-20 ~ +60	°C
Storage Temperature Range		-30 ~ +70	°C	

Dimension



	i	
Plate Diameter	D=9.0±0.1mm	
Ceramic Disc Diameter	d=6.5±0.5mm	
Plate Thickness	t=0.05±0.01mm	
Total Thickness	T=0.12±0.03mm	

Unit: mm



PIEZO ELEMENT

Page 2 of 2

RPE-9.800-9001-GK-NS1

APPROVAL

DRAWN BY	AR, December 11, 2024
APPROVED BY	CP, December 11, 2024
REVISION	A, Initial Release

Raltron Electronics / RAMI Technology USA, LLC, including its affiliates, employees, agents and other persons acting on its behalf (collectively Raltron/RAMI Tech), disclaim any and all liability for any errors or inaccuracies contained in this data sheet. While Raltron/RAMI Tech has made every reasonable effort ensure the accuracy of all product information, specifications and data contained herein, Raltron/RAMI Tech does not guarantee that the information is accurate, reliable or current. The product information is provided only for reference purposes only and is subject on a tany time without notice. Raltron/RAMI Tech does not assume any liability arising out of an application or use of any product described herein and disclaims any warranties expressed or implied. The user of products in such applications shall assume all risks of such use and will agree to hold Raltron/RAMI Tech, harmless against all damages.

Copyright © 2016, Raltron Electronics / RAMI Technology USA, LLC. All rights reserved. No part of this document may be reproduced in any form without the prior written permission of Raltron Electronics / RAMI Technology USA, LLC.