

HITPOINT

## SPECIFICATION

## PRODUCT TYPE: <u>PMOF-9745S-42KDQ</u>

(RoHS)

DATE:2021/08/09 VER .:0

DSND	
BY	
CHKD	
BY	
APVD	
BY	

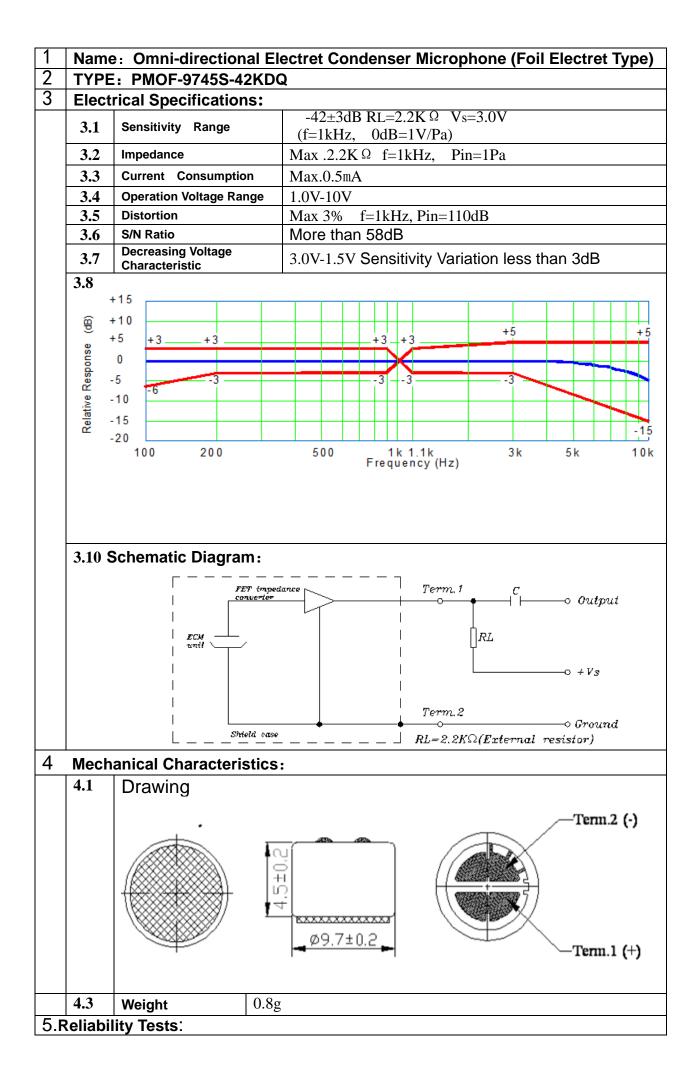
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	5.1	Vibration Test	To be no interference in operation after vibrations,10Hz to 55 for 1 minute full amplitude 1.52mm,for 2 hours at three axises state of standard packing, sensitivity to be within $\pm$ 3dB finitial sensitivity.		
	5.2Drop Testeach one time from 1 meter height at three directions is Outer packing, sensitivity to be within ±3dB from initial sa)After exposure at +70°Cfor 200 hours, sensitivity within ±3dB from initial sensitivity.		To be no interference in operation after dropped to concrete floor each one time from 1 meter height at three directions in state of Outer packing, sensitivity to be within ±3dB from initial sensitivity.		
			b) After exposure at -25°C for 200 hours, sensitivity to be within		
	5.4	Humidity Test	After exposure at +50 $^\circ C$ and 95% relative humidity for 120 hours, sensitivity to be within $\pm 3 dB$ from initial sensitivity.		
<b>5.5</b> Temperature at+70 °C for 30 minutes, at 20 °C for			After exposure at -25°C for 30 minutes, at 20°C for 10 minutes, at+70 °C for30 minutes, at 20 °C for 10 minutes,5 cycles, sensitivity to be within $\pm$ 3dB from initial sensitivity.		
	5.6	Soldering Heat Shock	The temperature of the high-frequency electric welding machine is established as 330 $^\circ$ C,5 seconds, sensitivity to be within $\pm$ 3dB from initial sensitivity.		
	5.7	Temperature Shock Test	After exposure at -25 °C for 30 minutes, at+70 °C for 30 minutes(change time 20 seconds), 32 cycles ,sensitivity to be within ±3dB from initial sensitivity.		
	5.8	ESD Shock Test	Under C=150pF,R=330ohm,15kV "+"、"-"charge air discharge,5 times, sensitivity to be within ±3dB from initial sensitivity. Under C=150pF,R=330ohm,8kV "+"、"-"charge contact discharge,5 times, sensitivity to be within ±3dB from initial sensitivity.		
6	Environmental Condition:				
	6.1 Storage condition -25°C~+70°C R.H. less than75%		-25℃~+70℃ R.H. less than75%		
		Operation condition	-20°C~+60°C R.H. less than 75%		
		Arbitration condition	Temperature : 20℃±2℃		
	6.3		Relative humidity: 60%~67%		
			Air pressure : 86~106Kpa		
7	Notic	ces:			
`	7.1	The temperature of the high-frequency electric welding machine is established as 320 $\degree$ C ± 10 $\degree$ C for 0.5 seconds. Not for the reflow soldering.			
	7.2	Operators, the solder fixtures and the soldering irons must be statically grounded under each soldering process.			
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