

**Magnetic Transducer (External Drive)**

**Model: MT9042-27E5-42P**



**ELECTRICAL SPECIFICATIONS**

	Condition	Parameter	Unit
Operating Voltage		4 ~ 6	Vo-p
Rated Voltage		5	Vo-p
Rated Current	at rated voltage, resonant freq., square wave [duty 50%]	Max. 60	mA
DC Resistance		42 ± 3	Ω
Resonant Frequency		2730	Hz
Sound Pressure Level	at 10cm, rated voltage, resonant freq., square wave [duty 50%]	Min. 85	dBA
Terminal		Pin (Copper with tin plating)	
Operating Temperature		-20 ~ +85	°C
Housing Material		PBT	
Weight		0.8	g

Notes: Parameter applying at recommended driving circuit [hFE >200, min. 2.5mA]

**MECHANICAL DRAWING**

Dimensions in mm

Tolerance ±0.5mm Except Specified

