

**Magnetic Transducer (External Drive)**  
**Model: MT9042-27E3-16P**



**ELECTRICAL SPECIFICATIONS**

	Condition	Parameter	Unit
Operating Voltage		2 ~ 4	Vo-p
Rated Voltage		3	Vo-p
Rated Current	at rated voltage, resonant freq., square wave [duty 50%]	Max. 100	mA
DC Resistance		16 ± 3	Ω
Resonant Frequency		2730	Hz
Sound Pressure Level	at 10cm, rated voltage, resonant freq., square wave [duty 50%]	Min. 80	dBA
Terminal		Pin (Copper with tin plating)	
Operating Temperature		-20 ~ +60	°C
Housing Material		PPO	
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

