



Specifications Sheet

Product Type : External Drive Piezo Transducer

Product Series : DB-E1898

Description : PZ TRANSDUCER 3V SMD LCP RoHS SP
Min. 75dBA

Color : Black

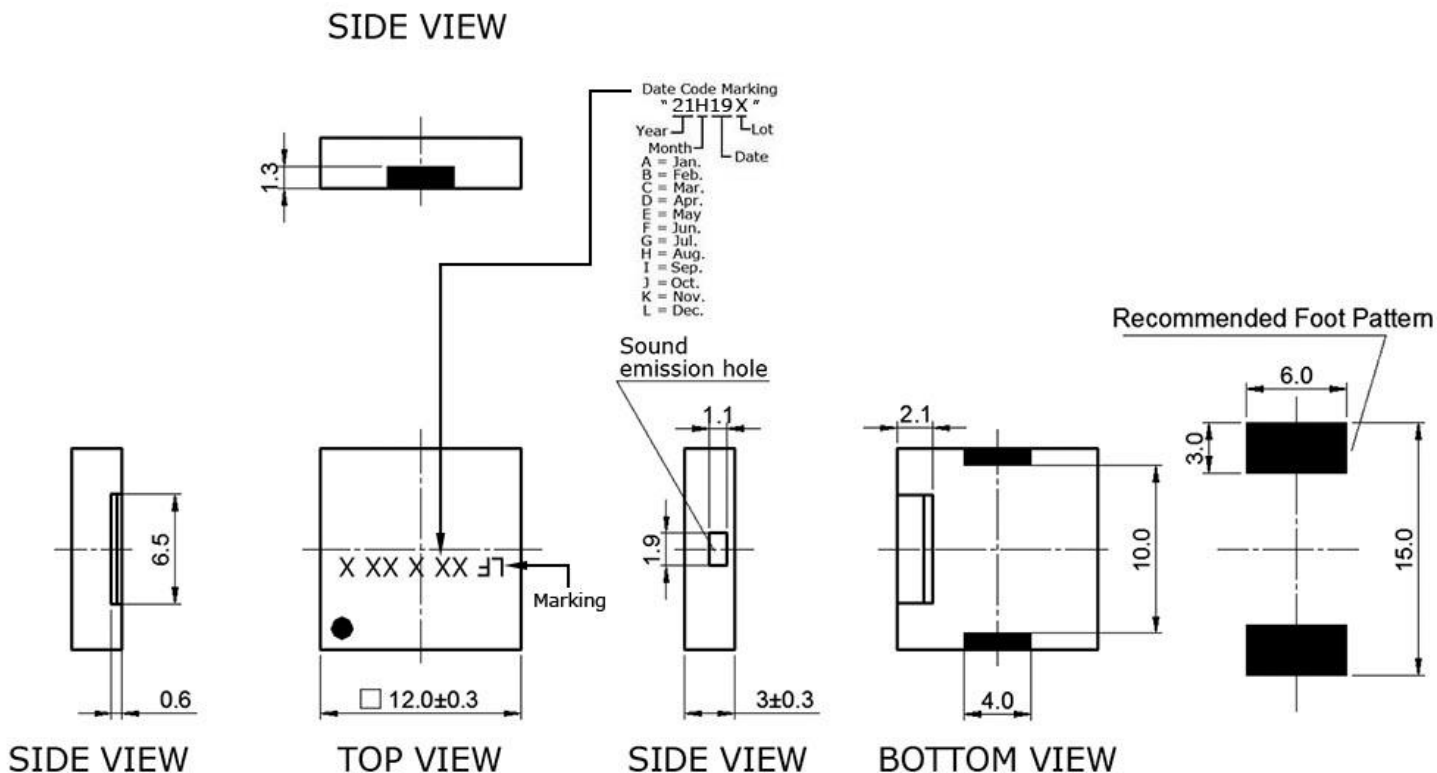
Electrical Specifications

Model No.	189PZ12400LFMP-003
Sound Pressure Level	75.0 dBA Min. (3.0 Vp-p Square Wave , 10.0 cm, 4000.0 Hz)
Capacitance	16000.0 pF ± 30.0 % at 100.0 Hz
* Max. Input Voltage	25.0 V p-p
Operating Temperature	-30.0 ~ +120.0 ° C
Storage Temperature	-40.0 ~ +120.0 ° C
Terminal	SMD
Housing Material	LCP
MSL (Moisture Sensitivity Level)	5a (≤ 30.0 °C / 60.0 % RH 24.0 Hrs Floor life)
* Weight	0.4 g

Dimensions

Unit : mm

Tolerance : ± 0.5 mm



Approved By :
Date : 19 Aug 2021

Prepared By :
Date : 19 Aug 2021

Modify :	Date :	By :
1) Modify Mechanical Draw and Side. 2) Add PCB Layout.	14 Nov 2016	Chris
1) Sound emission hole 1.3 mm height change to 1.1 mm. 2) Mechanical Draw.	15 Feb 2017	Nelson
1) Operating Temperature : -40 ~ +85 ° C change to -30 ~ +120 ° C. 2) Storage Temperature : -40 ~ +85 ° C change to -40 ~ +120 ° C. 3) Capacitance : 16000 pF ± 30 % at 120 Hz change to 100 Hz. 4) Add " MSL (Moisture Sensitivity Level) " information. 5) Weight : 0.3 g change to 0.4 g. 6) Mechanical Draw.	19 Aug 2021	Ron