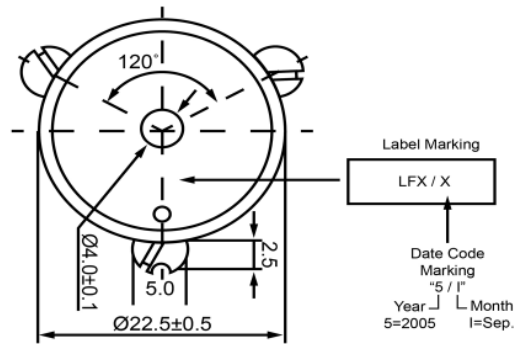
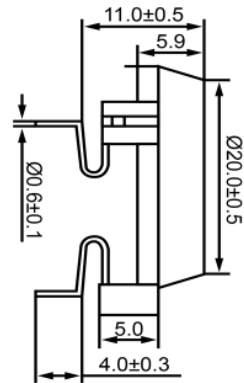


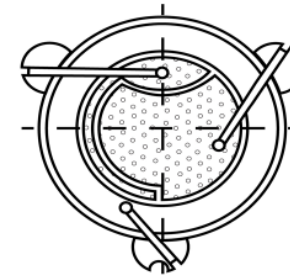
TOP VIEW




SIDE VIEW



BOTTOM VIEW



Specifications			Notes	Revision History					
Description	Value	Unit		Version	Description		Date	Approved	
Technology	Piezo		1) All dimensions are in mm unless otherwise noted 2) All parts meet RoHS	1	Released from Engineering		10/21/2013	J.S	
Resonant Frequency	3,500	(Hz)							
Rated Voltage	12	(V)							
SPL @ 10cm	89	(dBA)							
Mount Type	Thru Hole								
Voltage Range	3 ~ 18	(V)							
Max Rated Current	15	(mA)							
Housing Material	PBT								
Operating Temperature	-20 ~ +60	°C							
Storage Temperature	-30 ~ +70	°C							
Weight	1.7	(g)							
				TP223512-1					
				Piezo Transducer					
				Drawn by	Date	Checked by	Date	Approved by	Date
				A.B.	10/21/2013	C.E.	10/21/2013	J.S	10/21/2013

Additional considerations can be found at www.dbunlimitedco.com/technical-articles.