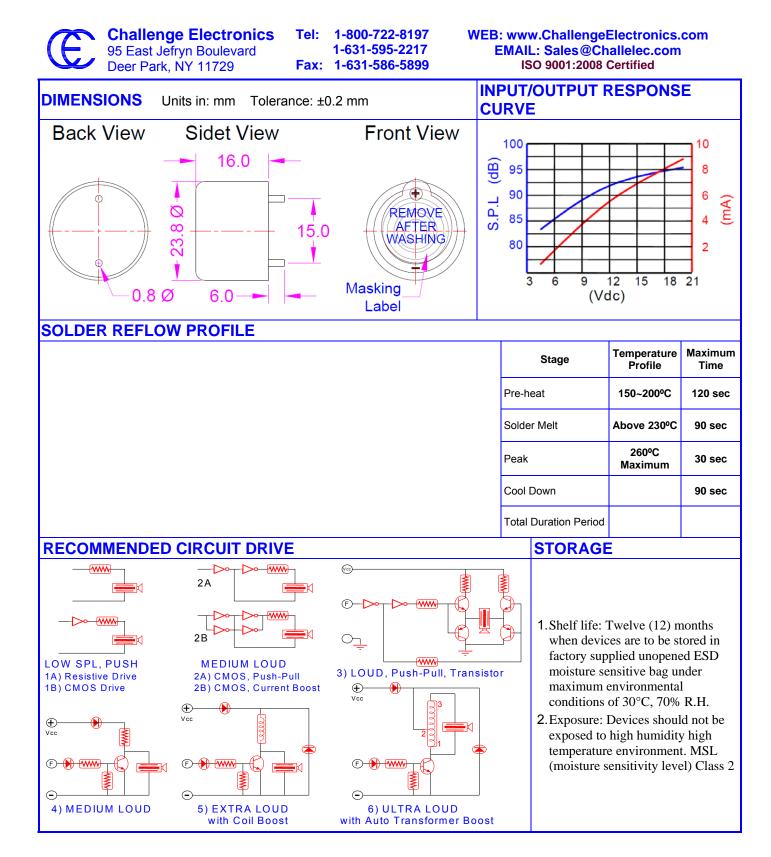
Œ	95 East J	<b>ge Electroni</b> efryn Boulevard <, NY 11729	CS Tel: 1-800-722 1-631-595 Fax: 1-631-586	5-2217			les@Ch	Electronics. allelec.com Certified				
			<b>PRODUCT IN</b>	IFOR	MA	TION						
PAR	Г #:	CEPE	CEPB238A160-320C2			15LR	Revision:	2-2016				
COMPLIANCE		F	Piezoelectric	c Buz	Ze	er						
DESCF	RIPTION						FEATURES					
case (Roi <b>Continuc</b> Pressure mm apart	und No Stand ous Tone Me Level at 90 d , Termination	doffs and Top Sou dium Loud, 2,900 dB(A) at 30 cm an n, Washing Label,	uzzer, 23.8 mm Diamete nd Port), 16.0 mm High, D Hz. Frequency, Minimu d Nominal Voltage, PC F RoHS Compliant	3-20 Vdc, m Sound	• F	RoHS, Lead Free C REACH Compliant SO 9001 Certified	ompliant					
	FICATION		um Loud, Continuous Tor									
Operating Mode				Pulse Rate								
Operating Voltage Sound Pressure Level		3 – 20 Vdc	Nominal Rated Voltage , at: 30 cm, Resonant Free			Resonant Frequent	2,900 ± 500 Hz.					
Operating			at: Resonant Frequency, N						/cie			
	Temperature	-20°C to + 70°C		40ºC to + 8								
	Housing	Plastic, ABS777 o				Sound Port Direction	on	Тор				
Material	Diaphragm	Nickel Alloy				Encapsulati	on	Epoxy				
	Termination		2" (0.8 mm) Diameter, Cor	oper, Elect	ro-Tir	n Plated						
Physical Di	mensions	Diameter (D)	23.8 mm Ø			Height (		mm				
Approximate Weight		6 grams	ams Removable Washing Label Yes Compliance RoHS, Le				HS, Lead	ad Free and REACH				
Packaging												
RELIA	BILITY											
Thermal O			tinuous operation at Rated									
Temperatu	re Test		96 hours continuous operation at Rated Voltage, at Minimum Rated Operating Temperature *									
	torage Temper		96 hours storage at Maximum Rated Storage Temperatures *									
Test		96 hours sto	rage at Minimum Rated St	torage Ten	npera	tures *						
Thermal S		Temperature Each cycle si long *										
Humidity 7	ſest		140 Hours at +40°C±2°C, 90-95% RH *									
Insulation		the Transduc	A minimum of 10 M $\Omega$ , measured with 100 Vdc Insulation Resistance Meter, between the Electrical Terminals and the Transducer Case									
Vibration 7			2 Hours of at 1.5 mm with 10 to 55 Hz. vibration frequency to each of 3 perpendicular directions *									
Terminatio	on Strength		Maximum of 9.8 N (1.0 Kg) load pull test, applied to each terminal in axial direction for <b>10 seconds</b> Dropped naturally from 750 mm height onto the surface of 40 mm wooden board, 3 axes (X,Y,Z) directions, 3									
Drop Test		times (9 time			ace o	140 mm wooden bo	aiu, 5 axe	es (A, F,Z) ullect	10115, 5			
* Reliabili	ty Test Perform	nance Parts should	Parts should conform to original performance within ±3dB, after 3 hours of recovery period									
Operation	Conti	Operating T	wo hundred fifty (250) hours of continuous operation, at Rated Voltage, each at Minimum & Maximum Rated perating Temperatures									
Life Test	Intern	nittent One thousan Voltage	One thousand (1,000) hours of: 1 minute ON 4 minutes OFF cycle, at Room Temperature, and Maximum Rated Voltage									
Warranty			date of shipping under norm roducts damaged through m				alteration,	rework, or atter	npt to repair			

The information contained herein is believed to be correct, but no guarantee or warranty, express or implied, with respect to accuracy, completeness or results is extended and no liability is assumed.

Challenge Electronics reserves the right to make changes in any specification, data or material contained herein.CE-EG-04-400PTPiezoelectric Sound Transducer Specifications1 of 3



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## SUBSTANCE OF VERY HIGH CONCERN

This product does NOT contain any of the REACH Substances of Very High Concern (SVHC), and is in compliance with European Union REACH Regulation No.1907/2006 regarding chemical substances which must be registered or disclosed.

## PACKAGING

	foam cover	MARKING	Reel			
foam box		Reel	Reel Diameter		*	
<u></u>	foam box size:320x170x27mm 50PCS/box	Part Number				
4	PVC adhesive tape	Quantity	Bundle			
	50×10=500PCS 500PCS/sheaf	Lot and/or Date Code		Х	cm	
		Shipping Box	Dimensions	Y	cm	
▼ 	adhesive tape	Part Number	]	Z	cm	
	packing strap	Customer PN (if required)	Quantity			
	adhesive tape	Quantity	Shipping Box			
A		Lot and/or Date Code		Х	cm	
		PO Number	Dimensions	Y	cm	
		Net Weight	]	Z	cm	
		Gross Weight	Number of Bund			
	GTY: 2000PCS	Box Number of Boxes	Quantity			
box size:	505×400×380mm	Approximate Weigh			Kg	
500×4=200	0pcs/box	Made in				
Revision	Descript	By	By:			
1-2015		WS				
2-2016	Update Chart Label		ws			