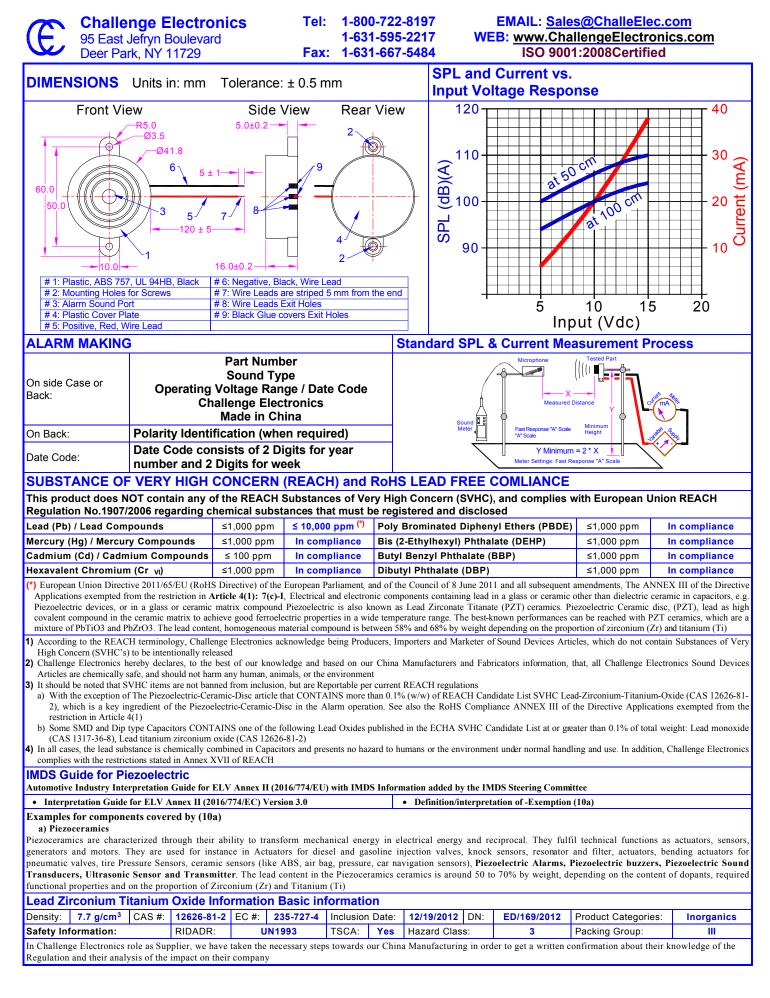
Œ	Challenge Electronics 95 East Jefryn Boulevard Deer Park, NY 11729			ics		1-631				IAIL: <u>Sales@ChalleElec.com</u> www.ChallengeElectronics.com ISO 9001:2008Certified					
PRODUCT INFORMATION															
RoHS ReacH ReacH The new demical legislation COM PLIANCE		ART #	CEPE	34181	160-515C29W [·]			20R	Rev	Revision: 1-2016					
		PIEZOELECTRIC BUZZER								195					
DESCRIPTION								RES		-					
Challenge Electronics Piezoelectric Buzzer; 41.8 mm Diameter; I style, Round with Flange screw mounting case; 16.0 mm High; 5- 15 Vdc Operating Voltage; Continuous Tone Extra Loud; Resonant Frequency 2,900 Hz; Minimum Sound Pressure Level at 100 dB(A) at 100 cm and Nominal Voltage; Wire Leads 120 mm Long Termination; RoHS Compliant									Plastic REACH (d	liant					
REACH	I DECLA	RAT	ION CO	MPLIAN	NCE										
key ingredie See section	ent of the Piez Substance O	oelectric f Very Hi	-Ceramic-Dise	c in the Alar	m operatio	n.		t SVHC	Lead-Zirco	onium-Titanium	n-Oxide (CAS	8 12626-81-2), which is a			
SPECI	FICATIO	NS													
Alarm Typ			Extra Loud,				nd Frequency	2,900) ± 500 Hz.	Cycle Rate					
Operating '	Voltage		5-15 Vdc		ominal Vo	ltage	12 Vdc	400							
Sound Pressure Level In proc		At 5 Vo		mum 90 dl bical 94 dB		At 12 Vdc	Minimu Typica	im 100 d al 103 di		At 15 Vdc		um 102 dB(A) cal 105 dB(A)			
		duction, SPL is measured at 15 Vdc, AQL tested at 5 Vdc, 12 Vdc, and 15 Vdc of SPL, Curro measured at 39.37" (100 cm), 25°C, Sound Level meter # 2240, Type 2, Fast Response, A-								Current, an	rent, and Frequency				
			le Typ. 7 mA, Max. 12 mA At 12 Vdc Typ. 27 mA, Max. 35 mA At 15 Vdc Typ. 39 mA, Max. 50 mA												
Surge Voltage 10% o			er maximum Operating Voltage for less than 5 minutes												
Prime 8 Prime P		0°C to + 70°	emperature												
	Housing				ame Reta	rdant, or	equal, Black			d Port Opening		Top			
	Diaphragm Termination		ess Steel Disc 304 eads, 28 (7X36) AWG, 80ºC, UL 1571, 120				Encaps				te Back Cover Black = Negative				
			meter 41.8 mm Ø Height 16.0 mm								Jounting Screws Spacing 50.0 mm				
			11 grams Removable Washing Label								Free, and REACH (SVHC)				
Options										,	,				
RELIA	BILITY *	Reliabil	itv Test Per	formance /	After 3 ho	urs coolin	a time. Parts	should	d conform	within ± 3 dB	(A) to origin	al performance			
RELIABILITY * Reliability Test Performance After 3 hours cooling time, Parts should conform within ± 3 dB(A) to origina Thermal Operating 96 hours continuous operation at Rated Voltage, at Maximum Rated Operating Temperature *								p							
Temperature Test			96 hours continuous operation at Rated Voltage, at Minimum Rated Operating Temperature *												
Thermal Storage Temperature			96 hours storage at Maximum Rated Storage Temperatures *												
Test			96 hours st	orage at M	inimum R	ated Store	age Tempera	tures	*						
Thermal Shock Test			Each cycle s	am below a	ating Temperature Temp: nd is three (3) hours long. +20°C cifications listed above * Min.			15	Minutes Second Cycle						
Humidity Test			0 ' 30 ' 60 ' 90 ' 120 ' 150 ' 180 120 Hours at +60±2°C 90-95% RH *												
			A minimum of 10 M Ω , measured with 100 Vdc Insulation Resistance Meter, between the Electrical Terminals and the												
Insulation Test			Transducer Case												
Vibration Test			2 Hours of at 1.5 mm with 10 to 55 Hz. vibration frequency to each of 3 perpendicular directions *												
Termination Strength			Maximum of 9.8 N (1.0 Kg) load pull test, applied to each terminal in axial direction for 10 seconds												
Drop Test			Dropped naturally from 750 mm height onto the surface of 40 mm wooden board, 3 axes (X,Y,Z) directions, 3 times (6 times total) *												
Solderability			Lead terminals are immersed in rosin for 5 seconds then immersed in solder with Solder-Iron 350±5°C for 3±0.5 seconds												
lite lest			t 1,000 hours of a 1 minute on 4 minutes off cycle at room temperature and maximum rated voltage												
Continuous 250 hours continuous operation at maximum rated Vo															
Warranty	For a period of one (1) year from date of shipping under normal operations conditions This warranty does not apply to products damaged through misuse, abuse, improper installation, alteration, rework, or attempt to repair														





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	Shipping Box MARKING	TRAY			
— Tray	Part Number		L 30		30 cm
Atter	Other PN (if required)	Dimensions	W	:	28.5 cm
	Lot and/or Date Code		Н		5 cm
	Quantity	Quantity			50
	PO Number	:	NG BOX		
	Net Weight		L		59 cm
	Gross Weighjt	Dimensions	W	31 cm 31 cm	
	Box Number of Boxes		Н		
Box PN Oty	RoHS Lead Free Compliance	ompliance Quantity Approximate Weight		500	
Box Oty III				7.5 Kg	
		Dimensions Weight		9.45 Kg	
Size		Difficitiona we			5.45 KY
		Volume		0	.0567 M ³
Size			. <u></u>	0	v
Size	Description	Volume	- -	0 3y	.0567 M ³
Size Lot #	-	Volume	E		.0567 M ³ China
Size Lot #	-	Volume	E	Зу	.0567 M ³ China Date
Size Lot#	-	Volume	E	Зу	.0567 M ³ China Date