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			PRO	DUCT	INFO	RM	AT	ION				
P	ART #		CEPB418I160-320B28W140R						l	Revision: 1-2016		
						C BUZZER						
DESCI	RIPTION		FEATU					RES	ES			
Challeng case (Ro Tone Fas Pressure	je Electron ound w/Flan st Pulse / M Level at	ge mo 1edium 85 dE	ezoelectric Buzz unt), 16.0 mm H Loud), 2,800 Hz 3(A) at 30 cm th. RoHS / REAC	igh, 3-20 Vd z Resonant F and Nomina	c, B (Intermitt requency, Sou	yle ent Ind	RoHS REAC	Compli H Comp 001 Cert	oliant	9	9	
SPECI	FICATIO	NS										
Alarm Type		Ν	/ledium Loud, Fa	ist Pulse	Pulse Rate at	<mark>v</mark> 5.5	± 20%	Hz. Puls	se Rate at 15	15V 3.5 ± 20% Hz.		
Operating Voltage		3	3 – 20 Vdc Nominal Voltage		5 Vdc		Resonant Frequen			cy 2,800 ± 500 Hz.		
Sound Pre	ssure Level	85 d	B(A), at: Nomina	l Voltage, 30	cm							
Operating	Current	10 ı	nA at Nominal V	oltage								
Operating Temperature			-20°C to + 60°C				Storage Temperature -30 °C to + 70°C					
	Housing	Plas	tic, ABS or equa	ack	Sound Port Openir			g Тор				
Material	Diaphragm	Bras	S			Encapsula	ation	Back cover				
	Termination		leads, 28AWG, UL r Coded: Red = Po			striped	0.196" (5.0mm).	·			
Physical D	imensions		Diameter (D)	41.8 mm Ø			I	leight (H)	16.0 mm			
Approximate Weight			15.0 grams	Removable	Washing Label	No	C	ompliance	RoHS, L	ead Free	and REACH	
		_	cs per box, 900p	s per carton.				-				
Thermal Operating Temperature Test Thermal Storage Temperature			hould conform to original performance within ±5dB, after 3 hours of recovery period. 96 hours continuous operation at Rated Voltage, at Maximum Rated Operating Temperature * 96 hours continuous operation at Rated Voltage, at Minimum Rated Operating Temperature * 96 hours continuous operation at Rated Voltage, at Minimum Rated Operating Temperature * 96 hours storage at Maximum Rated Storage Temperatures *									
Test			96 hours storage at Minimum Rated Storage Temperatures * SINGLE CY CLE									
Thermal Shock Test			5 cycles of Minimum and Maximum Operating Temperature, Each cycle shell be set per diagram and is 3 hours long *									
			120 Hours at +60°C±2°C. 90-95% RH *									
Insulation Test			A minimum of 10 M Ω , measured with 100 Vdc Insulation Resistance Meter, between the Electrical Terminals and the Transducer Case									
Vibration Test			2 Hours of at 0.75 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			Terminal leads are immersed in rosin for 5 seconds and then immersed in solder-bath of +270°C for 3±1 seconds									
* Reliability Test Performance			Parts should conform to original performance within ±3dB, after 3 hours of recovery period									
Life Test			1,000 hours of a 1 minute on 4 minutes off cycle at room temperature and maximum rated voltage									
Life fest			250 hours continuous operation at maximum rated Voltage and maximum Operating Temperatures									
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											

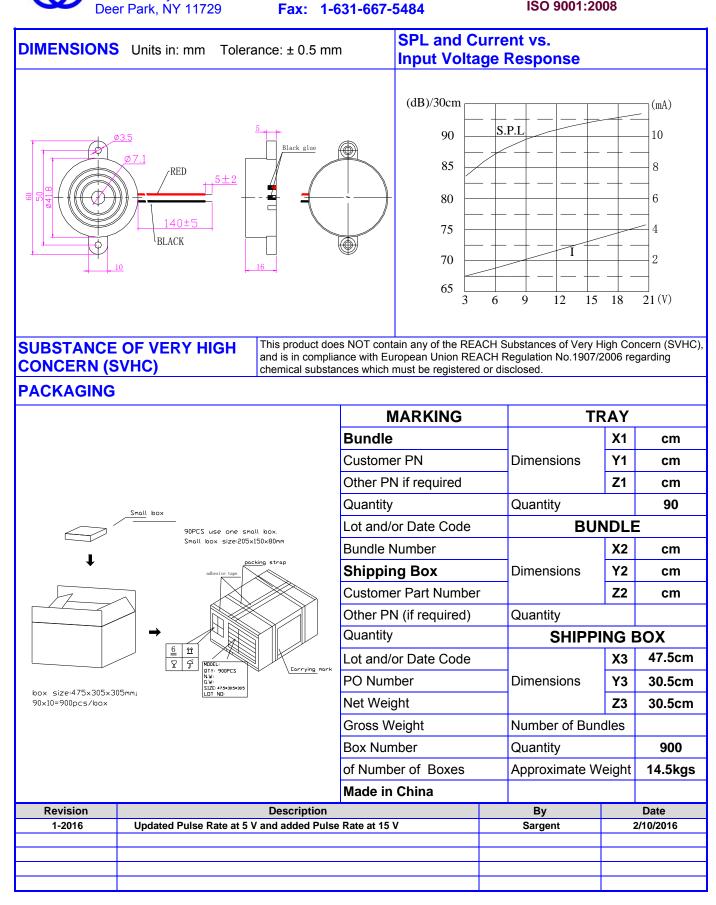
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