EDCON-COMPONENTS

REACH



									71 HILLIND	-
		Spe	cifications						Fea	tυ
Rated Voltage:		3V p-p max. 1/2	duty square wa	ive			Reliat	le Solid State	Piezoelectric T	e
Operating Volta	age:	2~ 4V p-p max.	1/2 duty square	e wave			Corros	sion Resistanc	e Diaphragram	I.
Rated Current:		90mA at 3V o-p	square wave 1	1/2 duty square	wave 4000Hz		Flame	Retardant Pla	stic	
Coil Resistance):	17Ω +/-3 Ω					Tape	and Reel Pack	aging for auto	m
Typical Sound (Output:	75B min (82dB	typ) at 3V o-p_s	quare wave 1/2	duty square wav	/e				
Operating Freq	uency:	4000 Hz +/-500	Hz						Applic	ca
Operating Tem	perature:	30°C to +85°	С				Autom	natic Control E	quipment	
Storage Tempe	erature:	40°C to +90°	С				Comm	nunication Equ	ipment	
Termination:		4 soldering pad	s, Sn plated ove	r Brass			Electr	onic Instrumen	its	
Case Materials:	:	Plastic LCP								
Diaghragm		Ni Alloy Disc N	50						War	ra
Weight		0,5gr.					All spe	ecifications mu	st be satisfied	al
							of rec	overy under the	e standard con	di
Life Test		At 3Vp-p in roor	m temperature c	ontiniously for 1	000hours		chaml	oer). 90% min	soldering pads	s
High Temperatu	ure: Tol.2°C	No function at +	-90°C for 240hou	urs; function at 8	5°C for 240hour	s	edge	of pad).		
Low Temperatu	ire: Tol. 2°C	No function at -	40°C for 240hou	irs; function at 3	0°C for 240hours	S				
Humidity:		. +40°C +/-2°C,	95% +/-5% RH	, 240hours						
		30°C +/-2°C,	0,5hours							
		. +25°C +/-2°C,	0,25hours; . +8	85°C +/-2°C, 0,	5hours					
Thermal Shock:	:	Go up or Drop t	ime is 0,5hr. 3hr	s per cycle total	is 5 cycles					
Vibration:		1,5mm with 10 t	to 50Hz of vibrat	ion frequency to	each of 3 perp	en				
		dicular direction	s of 2 hours							
Shock:		980m/s² (100g)	shock for each i	mutally perpend	icular directions,					
		half sine wave,	3 times each							
Drop Test:		Dropped natura	lly from 750mm	height onto the	surface of 10mm	า				
		wooden board. 2 directions upper and side of the parts are appl.								
Soldering Heat Resistance:		Samples put tro	ought reflowing s	oldering over 2 t	twice					Γ
Solderability:		Samples put on	the PCB with so	older paste throu	ugh reflowing					I
		soldering oven	1 times for a per	iod of one (1) ye	ear from date of					1
		manufacture un	der normal oper	ations.						Γ
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.06.2010	6
APPD:	Schumi			FINISH	Jamy		Shee	et No.	1 from 4	Ľ

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Features

pelectric Technology phragram for auto mounting

Applications

Warranty

satisfied after the test (Recovery: 2 to 4 hrs ndard condition after the removal from test ring pads shall be with solder (except the

email: info@edcon-components.com

Part No.:

Customer:

SMD Electro Magnetic Tranducer

114002

www.edcon-components.com

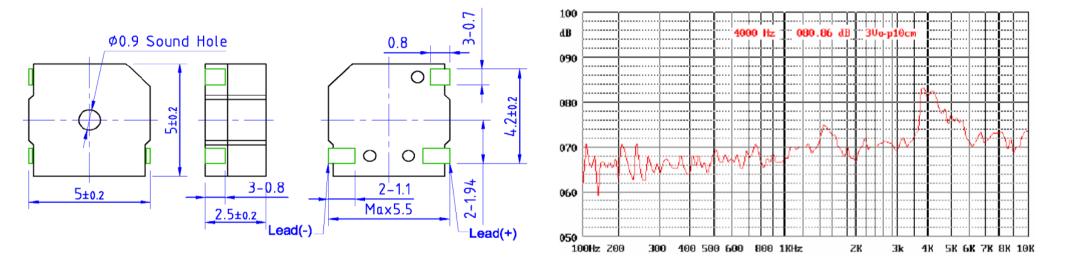
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Characteristics

Dimensions (mm)



										SMD Electro Magnetic Tranducer	
										Part No.:	l14002
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.06.2010	Customori	
APPD:	Schumi			FINISH	Jamy		Shee	t No.	2 from 4	Cusiomer.	
www.edcon-co	omponents.cor	n			ATL: Wilson TOLERANCE Mason DATE 10.06.2010						

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Ordering Informations

Serie		Model-No.	RC	HS Pacl	kage						
l14002		05B03174.0I	F F	२ Т	R						
			N=1 RC	form Re NON TU = NHS Pac form TY =	Tape eel Tube king Tray king						
											ctro Magnet nducer
									-	Part No.:	l14002
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.06.2010	Customer:	
APPD:	Schumi			FINISH	Jamy		Shee	et No.	3 from 4		
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EDCON-COMPONENTS E REACH **RoHS** Lead Free COMPONEN ΤS A MEMBER OF EDCON-GROUP **Soldering Profile Curve** Temperature (° C) 260 Max. 255 220 <4° C/Sec 160~180° C 170 10±1 Time (Sec.) 60~120 30±10 **SMD Electro Magnetic** Tranducer Part No.: I14002 CHKD MATL: DRW: Wilson Wilson TOLERANCE Mason Jason DATE 10.06.2010 Customer: APPD: Schumi FINISH Sheet No. 4 from 4 Jamy www.edcon-components.com

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