	FOR CELLULAR PORTABLE PHONE VIBRATOR
CUS	TOMER
AAC	EP/N ELV1036A
CUSTO	M CODE



P/N

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ИЕ	Zhang	Zhang Wei				
Package Eng	Wei Yon	ggang	Check/Appr.	Xu Hon	gfu	
<u>+E</u>	Pu Yon	ghua	Check/Appr.	Dong Le	ping	
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Date	Issue			Detail changes	5	
25/05/2009	X1			Preliminary		
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C	ELECTRONICS CORP.	Product	Specification	P/N		ELV1036A		
Keywords:Linear Vibrator, 26Ohms, Φ10x3.6mm, Contact :Pad,GP Compliant								
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	 Table of con Environmen Description Standard (Characteri Standard 7 Recomme Reliability Caution for Mechanic Package 	ntents ntal Requirement n and Application Operating Condi stics Test Condition nded Stimulus Test use al Drawing	t n tion					



	CORT.			-				
Keyw	ords:Linear Vil	brator, 260	hms	, Φ10x3.6mm, Co	ontact :	Pad,GF	P Compliant	t
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2. E The other 3. I Thi aroun acces	Environmenta e transducer ind banned or rest Description a s is a wire cont d the resonant sory.	I Requirer cluding all c tricted subs nd Applica act vibrator frequency.	ment compo tance ation whic This	t onents and solde es according to c n h is applied with device is recomr	r joints ustome an AC s nended	must be r's requ signal (: to be u	e free from l irements. sine wave/s ised for mol	ead (Pb) and quare wave) pile phone or
4. S	tandard Oper	ration Con	ditic	n.				
	4.1 Rated volt	tage		2.0Vrms AC (Sir	newave))		
	4.2 Operating	voltage rar	nge	0-2.0Vrms				
	4.3 Rated Fre	equency		175Hz				
	4.4 Operating -20℃ to +70℃	temperatu	re rar numic	nge dity (No condensa	ation of	moistu	re)	
	4.5 Storage te -40℃ to +85℃	emperature C ordinary h	rang numic	e dity (No condensa	ation of	moistu	re)	
5. C	haracteristics	6						
	5.1 Coil Resis	stance		26±10%Ω				
	5.2 Rated Cu	rrent		90mA Max				
	5.3 Accelerati	ion:		≥1.1G @100g f 175Hz 2.0Vrms(ixture Refer to	o 5 Star	ndard test C	ondition)
	5.4 Noise:			<50dB @10cm 100g fixture 175	Hz 2.0\	/rms inp	out	
	5.5 Insulation	Resistance):	1MΩ Miņ@ 100\	/DC Be	tween t	erminal and	I housing.









Sec. La	void ?			-					
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7.	Recommer 0-2.0Vrms 17	nded Stin 75Hz single	nulus e Freq	uency sinewave	. Vibratio	n can l	be adjust it	by changing	y voltage.
8. F	Reliability Te	sts							
nor sha	Immediately a mally exist in c all be 4 hours a After reliability 1.Acceleratio 2.Rated curre 3.No abnorma 8.1 Tempera -40°C / +85°C 8.2 Static Hu +70°C with 9 8.3 High ter +85°C, 168 h	after reliable ordinary ro at least be / test, all s n: Initial ±2 ent: 90m/ lities in app ature Shoc in each o umidity Tes 05% relative operature ours	ility tes oms o fore pe ample 20% A max earanc k:10 s f 2 ho f 2 ho st : 10 /e hum storag	et, the samples s r laboratories. Un erformance testi s must be meet t e and structure. amples urs. Totle15 cycl samples idity for 120 Hou e:10 samples	hall be s nless oth ng. the requi	tored u erwise rement	under clima noted, the s as follow	tic conditio recovery p : ition time.	ns such as eriod
	8.4 Low ten -40℃, 168 ho	nperature s ours	storage	e: 10 samples					
	8.5 Vibration Samples that 10~55Hz/min	Test: 10 s attached for 10 mi	ample to a 10 nutes i	s 00 gram fixture is n each of X, Y, 2	s vibrate Z axis.	with 2.	2G,		
	8.6 Drop Tes The samples 1.52 meters	st:10 samp should be three time	oles e moun es in ea	ited to a 100 gra ach direction	m fixture	, drop⊤	to concrete	floor	
	8.7 Life Test Samples sho On(2s)/off(1s	:: 25 samp uld be ope) for 200 ł	les erated Hours.	on standard con	dition (2)	√rms S	inewave 17	75Hz).	



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eywor	ds:Linear \	/ibrator, 2	260hm	ns, Φ10x3.6mm,	Contact :Pad	,GP Compliant	
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. Cau	tion for us	е					
9.1 of a	Do not Pre appearance	ess vibrate e or perfo	or with ormanc	force more than e.	1 5N. It may lea	ad to transform	ation
9.2	Do not pul	l wires to	fetch	vibrator. It may b	roken wires a	nd lead to oper	n circuit.
9.3 dar	Do not use nage to vibra	e vibrator ator.	in follc	ow environment.	It may cause	decline of perfo	ormance or
9.3 Ion	.1 Do not k g times .	eep vibra	itor at I	nigh humidity or	high temperat	ure for extende	ed too
9.3	.2 Do not u	ise vibrato	or near	magnetic devic	e.		
9.3	.3 Do not u	ise vibrato	or near	r erosion gas.			
9.3	.4 Do not	drop vibra	ator into	o liquid.			
9.4	There is s	trong mag	gnetic o	on the surface o	f vibrator. Plea	ase pay attentic	on to use it.
9.5 Or	To use vib it may be c	rator relia ause bad	able, vi noise	brator should be	fixed to hous	e firmly in vibra	te direction.
9.6 dii lov	Soft mater rection. it ca wer vibratio	rial(such a an only be n.	as porc e used	on,poam etc.) is as a auxiliary to	not adequate reinforce relia	to fix vibrator in bility. Or it may	vibration be cause



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11. Package							
	T.B.D						
	Fig.6 Package dawing						