

SAW Components

Material Data Sheet

Product Family Name	SAW Filters Plastic technology	
Date	31.07.2006	
Version	01	

Construction Element	Material group	Materials	CAS if applicable	mass [weight-%]			Sum [%]	Traces
				min	typical	max		
Active Part							13.1	
	Inorganic	LiNiO3	12031-63-9		11.6			
	Metal	Al	7429-90-5		0.1			
	Polymer	Epoxide	25928-94-3		0.2			
	Metal	Ag	7440-22-4		0.8			
	Inorganic	Magnesium Silicate	1343-88-0		0.1			
	Polymer	Polyacrylate (PMMA)	9011-14-7		0.3			
Encapsulation							86.2	
Leadframe	Alloy	Cu	7440-50-8		37.4			
		Fe	7439-89-6		0.6			
		Ag	7440-22-4		0.3			
Cap	Inorganic	SbO3	1309-64-4		0.45			
	Polymer	Brominated Epoxide					0.45	
	Inorganic	Silica Additives			34.2			
	Polymer	Epoxide Phenoplast			12.8			
Termination / Conductors							0.6	
	Metal	Ag	7440-22-4		0.1			
	Metal	Sn	7440-31-5		0.5			
Internal Connection							0,1	
	Metal	Au	7440-57-5		0.1			
						total:	100	

Package	code:	sizes: L x W x H [mm]	Approx. weight [mg]
B39*-G*-N201	SIP5D	13.7x4.8x2.4	415
B39*-G*-X400	SIP5D	13.7x4.8x2.4	415
B39*-J19*-N201	SIP5D	13.7x4.8x2.4	415
B39*-J19*-X400	SIP5D	13.7x4.8x2.4	415
B39*-J3960-N201	SIP5D	13.7x4.8x2.4	415
B39*-J9361-N201	SIP5D	13.7x4.8x2.4	415
B39*-K29*-N201	SIP5D	13.7x4.8x2.4	415
B39*-K29*-X400	SIP5D	13.7x4.8x2.4	415
B39*-K3953-N201	SIP5D	13.7x4.8x2.4	415
B39*-K3953-X400	SIP5D	13.7x4.8x2.4	415
B39*-K3955-N201	SIP5D	13.7x4.8x2.4	415
B39*-K3955-X400	SIP5D	13.7x4.8x2.4	415
B39*-K3957-N201	SIP5D	13.7x4.8x2.4	415
B39*-K3963-N201	SIP5D	13.7x4.8x2.4	415
B39*-K3965-N201	SIP5D	13.7x4.8x2.4	415
B39*-K3965-X400	SIP5D	13.7x4.8x2.4	415
B39*-K3970-N201	SIP5D	13.7x4.8x2.4	415



Electronic Parts and Components

B39*-K3970-X400	SIP5D	13.7x4.8x2.4	415
B39*-K4960-N201	SIP5D	13.7x4.8x2.4	415
B39*-K7257-X400	SIP5D	13.7x4.8x2.4	415
B39*-K7266-N201	SIP5D	13.7x4.8x2.4	415
B39*-K7268-N201	SIP5D	13.7x4.8x2.4	415
B39*-K727*-N201	SIP5D	13.7x4.8x2.4	415
B39*-K7278-X400	SIP5D	13.7x4.8x2.4	415
B39*-K935*-N201	SIP5D	13.7x4.8x2.4	415
B39*-K935*-X400	SIP5D	13.7x4.8x2.4	415
B39*-K94*-N201	SIP5D	13.7x4.8x2.4	415
B39*-K94*-X400	SIP5D	13.7x4.8x2.4	415
B39*-K9653-N201	SIP5D	13.7x4.8x2.4	415
B39*-K9653-X400	SIP5D	13.7x4.8x2.4	415
B39*-K9656-N201	SIP5D	13.7x4.8x2.4	415
B39*-K9656X400	SIP5D	13.7x4.8x2.4	415
B39*-K9659-N201	SIP5D	13.7x4.8x2.4	415
B39*-K9659-X400	SIP5D	13.7x4.8x2.4	415
B39*-K9661-N201	SIP5D	13.7x4.8x2.4	415
B39*-K9663-N201	SIP5D	13.7x4.8x2.4	415
B39*-L*-N201	SIP5D	13.7x4.8x2.4	415
B39*-M1865-N201	SIP5D	13.7x4.8x2.4	415
B39*-M1868-N201	SIP5D	13.7x4.8x2.4	415
B39*-M1869-N201	SIP5D	13.7x4.8x2.4	415
B39*-M1872-N201	SIP5D	13.7x4.8x2.4	415
B39*-M1875-N201	SIP5D	13.7x4.8x2.4	415
B39*-M1875-X400	SIP5D	13.7x4.8x2.4	415
B39*-M1879-N201	SIP5D	13.7x4.8x2.4	415
B39*-M1967-N201	SIP5D	13.7x4.8x2.4	415
B39*-M1973-N201	SIP5D	13.7x4.8x2.4	415
B39*-M3575-N301	SIP5D	13.7x4.8x2.4	415
B39*-M3575-X500	SIP5D	13.7x4.8x2.4	415
B39*-M3578-N301	SIP5D	13.7x4.8x2.4	415
B39*-M3578-X500	SIP5D	13.7x4.8x2.4	415
B39*-M3582-N301	SIP5D	13.7x4.8x2.4	415
B39*-M3953-X400	SIP5D	13.7x4.8x2.4	415
B39*-M3954-N201	SIP5D	13.7x4.8x2.4	415
B39*-M3954-X400	SIP5D	13.7x4.8x2.4	415
B39*-M9370-N201	SIP5D	13.7x4.8x2.4	415
B39*-M9370-X400	SIP5D	13.7x4.8x2.4	415
B39*-N1952-N201	SIP5D	13.7x4.8x2.4	415
B39*-N1952-X400	SIP5D	13.7x4.8x2.4	415
B39*-N3562-N301	SIP5D	13.7x4.8x2.4	415
B39*-N3568-N301	SIP5D	13.7x4.8x2.4	415
B39*-N3954-N201	SIP5D	13.7x4.8x2.4	415
B39*-N3954-X400	SIP5D	13.7x4.8x2.4	415
B39*-N9350-N201	SIP5D	13.7x4.8x2.4	415
B39*-N9350-X400	SIP5D	13.7x4.8x2.4	415
B39*-X67*-N201	SIP5D	13.7x4.8x2.4	415
B39*-X67*-X400	SIP5D	13.7x4.8x2.4	415
B39*-X6855-N201	SIP5D	13.7x4.8x2.4	415
B39*-X6863-N201	SIP5D	13.7x4.8x2.4	415
B39*-X6865-X400	SIP5D	13.7x4.8x2.4	415
B39*-X6867-N201	SIP5D	13.7x4.8x2.4	415
B39*-X6869-N201	SIP5D	13.7x4.8x2.4	415



Electronic Parts and Components

B39*-X687*-N201	SIP5D	13.7x4.8x2.4	415
B39*-X687*-X400	SIP5D	13.7x4.8x2.4	415
B39*-X688*-N201	SIP5D	13.7x4.8x2.4	415
B39*-X688*-X400	SIP5D	13.7x4.8x2.4	415
B39*-X689*-N201	SIP5D	13.7x4.8x2.4	415
B39*-X689*-X400	SIP5D	13.7x4.8x2.4	415
B39*-X6922-N201	SIP5D	13.7x4.8x2.4	415
B39*-X6959-N201	SIP5D	13.7x4.8x2.4	415
B39*-X6966-N201	SIP5D	13.7x4.8x2.4	415
B39*-X6966-X400	SIP5D	13.7x4.8x2.4	415
B39*-X6989-N201	SIP5D	13.7x4.8x2.4	415
B39*-X6989-X400	SIP5D	13.7x4.8x2.4	415
B39*-X7250-N201	SIP5D	13.7x4.8x2.4	415
B39*-X7251-N201	SIP5D	13.7x4.8x2.4	415
B39*-X7251-X400	SIP5D	13.7x4.8x2.4	415
B39*-X7253-X400	SIP5D	13.7x4.8x2.4	415
B39*-X7255-N201	SIP5D	13.7x4.8x2.4	415
B39*-X7256-N201	SIP5D	13.7x4.8x2.4	415

Range of ordering code (* - wildcard for all products within this range)

Company:	EPCOS AG	Important remarks: 1) Traces are product parts, substances etc. that are below a percent tage of 0.1 % by weight, if not otherwise regulated (see note no. 2). 2) A list of the (legal) "... restrictions on substances ..." or materials is available at internet address of the EICTA organisation (C4E List) 3) All statements herein are based on our present knowledge. If our products are used properly, there are no risks to human beings and/or the environment.
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<p>The component is RoHS-compatible, what means compatible with the requirements of the directives listed below and with the requirements of the provisions which will result from transformation of the directives into national law to the extent such provisions reflect the Regulations. Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment ("Directive 2002/95/EC"); Commission Decision of 18 August 2005 amending Directive 2002/95/EC (2005/618/EC); Commission Decision of 13 October 2005, of 21 October 2005, of 21 February 2006 amending the Annex to Directive 2002/95/EC (2005/717/EC; 2005/747/EC, 2006/310/EC).</p>		