

## Electronic Parts and Components

## Inductive Components

## Materials Data Sheet

Version       01         Construction Element       Material group       Materials       CAS if applicable       min       kipical       Max       Material (%)         Active Part       Ferrite       12645-49-7       78       87       Traces         Active Part       CAS       min       kypical       max       Material         Ceramics       Ferrite       12645-49-7       78       87       95       Colspan="4">Colspan="4"Colspan="4">Colspan="4"Colspan="4">Colspan="4"Colspan="4	Product Family Name	B78419Axx EP10 22.12.2006				Comes of	1/4801897 0021			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Version	01								
Active Part         87           Ceramics         Ferrite         12645-49-7         78         87         95         100           Encapsulation         Plastics         Phenolic         108-95-2         9         10         11         100           Plastics         Phenolic         108-95-2         9         10         11         100         100         11         100         100         11         100         100         11         100         100         100         11         100         100         11         100         100         11         100         100         11         100         100         11         100         100         100         11         100         100         11         100	Construction Element	Material group	Materials		CAS if applicable	mass [weight-%] min typical max		-%] max	Sum [%]	Traces
Ceramics         Ferrite         12645-49-7         78         87         95         95           Encapsulation         108-95-2         9         10         11         10           Plastics         Phenolic         108-95-2         9         100         11         10           Plastics         Epoxy resin $25928-94-3$ 0,2         0,3         0,4         2           Termination / Conductor         Epoxy resin $25928-94-3$ 0,2         0,3         0,4         2           Monferrous metals, other metals         Cu         7440-50-8         2,4         2.5         2,8         2           Ni         7440-02-0         0         0,1         1         1         1	Active Part					87				
Encapsulation         103-95-2         9         10         11 $(1)$ Plastics         Phenolic         108-95-2         9         10         11 $(1)$ $($		Ceramics	Ferrite		12645-49-7	78	87	95		
Plastics         Phenolic         108-95-2         9         10         11 $<$ Image: plastic sector sec	Encapsulation	-							10,3	-
Image: Processinal system         Epoxy resin         25928-94- 3         0,2         0,3         0,4         Image: Processinal system           Termination / Conductsr         Cu         7440-50-8         2,4         2.5         2,8         Image: Processinal system         Processinal system         Image: Processinal system         Processin system         Processinal system		Plastics	Phenol	ic	108-95-2	9	10	11		
Termination / Conductors         2,7           Nonferrous metals, other metals         Cu         7440-50-8         2,4         2.5         2,8           Nonferrous metals, other metals         Sn         7440-31-5         0,1			Epoxy resin		25928-94- 3	0,2	0,3	0,4		
Nonferrous metals, other metals         Cu         7440-50-8         2,4         2.5         2,8           Ni         7440-31-5         0,1	Termination / Conductors								2,7	-
other metals         Sn         7440-31-5         0,1           Ni         7440-02-0         <0.1		Nonferrous metals,	Cu		7440-50-8	2,4	2.5	2,8		
Ni 7440-02-0 <0.1		other metals	Sn		7440-31-5		0,1			
			Ni		7440-02-0		<0.1			

Sum in total: 100

Case sizes:	DxLxH [mm]	appr. weight [g]
B78419A6861A003(T0234)	13,7x15,12x11,45max.	3,2
B78419A6862A003(T0235)	13,7x15,12x11,45max.	3,6
B78419A7336A003(T1382)	13,7x15,12x11,45max.	3,9
B78419A7482A003(T1925)	13,7x15,12x11,45max.	4,3

Company	EPCOS AG		Important remarks:			
	Dr. Gerd Schulz, Director EH&S, Dep. TQ +49 89 636 22274 / +49 89 636 28484 mailto:gerd.schulz@epcos.com		Traces are product parts, substances etc. that are below a percentage of $0.1\%$ by weight if pat at begin regulated			
Phone / Fax			(see note no. 2). A list of the (legal) " restrictions on substances" or materials is available at internet address:			
Mail						
			http://www.eicta.org/issue.asp?level2=47&level1=3&level0=1&docid=441 Substances, materials.etc, with possible harmful effects on			
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 and of 21 October 2005 amending the Annex to Directive 2002/95/EC (2005/717/EC; 2005/747/EC).		4) 5)	human beings and the environment are listed. There are no risks for human beings and to the environment if products are properly used as designated. This shall not apply to risks caused during procedures for disposal etc. 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.			