

SMT Inductors

E		Shielded Power Inductor B82477R4****100 06.08.2024				1	4R7 3352	3		
]			5552			
IMDS ID				1						
if available										
Version: 03										
Product Part (IMDS: semi component)	Material Class (IMDS: Material)		Material (Classification) VDA 231	Substance		TMPS**) [wt%]	CAS if applicable	typical mass of material [wt-%]	Traces see 1)	
Active Part	Ceramic		4B	Manganese Zinc Ferrite		100	1264549-7	33.5		
	Ceramic		4B	Nickel Zinc Ferrite		100	12645-50-0	31		
	Heavy Metal		1C	Cu		100	7440-50-8	20.4		
	Elastomer		2B	Polyurethane (PUR)		100	68400-67-9	1.1		
Enconculation			20	Liquid crystal polymer (LCP)		59.8	90967-43-4	1.1		
Encapsulation and Mounting	Thermoplastic		2A	PTFE		0.2	90967-43-4 9002-84-0	5.0		
				Glass fiber			40	65997-17-3		
	Duromer		2C	Epoxy (EP)		100	25068-38-6	1.0		
	Elastomer		2B	Polydimethylsiloxane (PDMS)		100	63148-62-9	1.0		
	Heavy Metal		1C	Sn		100	7440-31-5	1.5		
Termination	Heavy Metal		1C	Cu		100	7440-50-8	5.3		
	Heavy Metal		1C	Ni		100	7440-02-0		х	
	Heavy Metal		1C	Sn		100	7440-31-5	0.2		
				1				Sum in total:	100.0	
12.5x12.5x8.5 Not part of a Pro	oduct Cla		477R4****100							
Contact [•									
		Reindl, MAG EP	QM		Import	ant remarks:				
	DK Electr	,	QM tics Business Grou	p (MAG)).1% as define	ed by IEC 62474 (IEC	C PAS 61906) T	races are
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