

Matsuo's Compliance with RoHS Directive and Lead-free

		Solid Tantalum Capacitors						
		Epoxy Molding Chip				Epoxy Dipping	Epoxy Molding	
		Type 251 Face-down terminals	Built-in fuse		Type 267,271,273 278,281	Type TCA,TCB Conductive polymer	Type 204 (Identification by PN※1)	Type 247 (Identification by PN※1)
		Type 269	Type 279					
Compliance with RoHS Directive		Compliant	—	Compliant	Compliant	Compliant	Compliant	Compliant
Certain Hazardous Substances	Lead	Terminals	Compliant (Sn plating)					
		Inner Part	Compliant	※2 Not compliant	Compliant	Compliant	Compliant	Compliant
	Hexavalent chromium		Compliant					
	Mercury		Compliant					
	Cadmium		Compliant					
	PBB		Compliant					
	PBDE		Compliant					
	DEHP		Compliant					
	DBP		Compliant					
	BBP		Compliant					
DIBP		Compliant						

Note

A) ※1 : Regarding identification and part numbers for Type 204 and 247, please ask our sales department.

B) ※2 : Type 269 is Fused Tantalum capacitors.

Fuse element includes lead-based alloys containing 85% by weight or more lead which are exemptions from the RoHS Directive.

There is an expiration date of exemptions. Please check the latest official information.

C) As for other details, Please inquire with our sales department.

Overseas Sales : 81-1-6-6332-0883

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		Film Capacitors			
		Epoxy Dipping	Metalized Film		
		501,503,503A 602,801,802	556A	431,432,551,553,554 557,559,622,631,652	
Compliance with RoHS Directive		Compliant	Compliant	To be compliant※3	
Certain Hazardous Substances	Lead	Terminals	Compliant (Sn plating)		
		Inner Part	Compliant	Compliant	To be compliant※3
	Hexavalent Chromium		Compliant		
	Mercury		Compliant		
	Cadmium		Compliant		
	PBB		Compliant		
	PBDE		Compliant		
	DEHP		Compliant		
	DBP		Compliant		
	BBP		Compliant		
	DIBP		Compliant		

Circuit Protection Components			
Micro Fuse (Wire Element)	Micro Fuse (Thin Film)	High Current Micro Fuse	Surge Absorber
JAE,JAG,JAGN JAH,JAHL	KAB,KABT,KAH KABM,KABN	JHB,JHC	KVA,KVAN
Compliant	Compliant	Compliant	Compliant
Compliant (Sn plating)			
Compliant		Compliant	Compliant
Compliant			
Compliant			
Compliant			
Compliant			
Compliant			
Compliant			
Compliant			
Compliant			
Compliant			
Compliant			

Note

A) ※3 : Regarding Pb free of "Metalized Film", please ask our sales department.

B) As for other details, please ask your sales department.

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