

AVX Czech Republic s.r.o

A KYOCERA GROUP COMPANY

Certification of Compliance to RoHS Standards

Date: 17 September 2004

Product Family: TAJ

Case Size: A

Dielectric Type: Tantalum Pentoxide

Device Type: Moulded surface mount tantalum capacitor

Exemptions: None

Equipment: ICP AES (Integra XL2; GBC, Dandenong, Australia)

Sample Wgt: 0.20 grams (analysis provided on raw materials)

Analyzed Elements: Cd, Cr, Hg ,Pb

Materials Controlled by RoHS (ppm by weight)

Mass/unit (g)	Lead	Mercury	Cadmium	Hexavalent Chromium	PBB	PBDE
0,0314	5,4	0,0	0,1	<5	0*	0*
RoHS Limit (ppm)	1 000	1 000	100	1 000	1 000	1 000
Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass

* Certified by the suppliers that these materials are not intentionally added to any raw material

This product has been tested and found to be compliant with all requirements, provisions, and exemptions of EU Directive 2002/95/EC of the European Parliament and Council of 27 January 2003. on the Restriction of use of certain Hazardous Substances (RoHS) in electrical and electronic equipment and EU Directive 2000/53/EC regarding ELV or End of Life Vehicle.

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Quality Manager



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Date: 17 September 2004
Product Family: TAJ
Case Size: B
Dielectric Type: Tantalum Pentoxide
Device Type: Moulded surface mount tantalum capacitor
Exemptions: None

Equipment: ICP AES (Integra XL2; GBC, Dandenong, Australia)
Sample Wgt: 0.20 grams (analysis provided on raw materials)
Analyzed Elements: Cd, Cr, Hg ,Pb

Materials Controlled by RoHS (ppm by weight)

Mass/unit (g)	Lead	Mercury	Cadmium	Hexavalent Chromium	PBB	PBDE
0,0719	4,9	0,0	0,1	<5	0*	0*
RoHS Limit (ppm)	1 000	1 000	100	1 000	1 000	1 000
Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass

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Date: 17 September 2004
Product Family: TAJ
Case Size: C
Dielectric Type: Tantalum Pentoxide
Device Type: Moulded surface mount tantalum capacitor
Exemptions: None

Equipment: ICP AES (Integra XL2; GBC, Dandenong, Australia)
Sample Wgt: 0.20 grams (analysis provided on raw materials)
Analyzed Elements: Cd, Cr, Hg ,Pb

Materials Controlled by RoHS (ppm by weight)

Mass/unit (g)	Lead	Mercury	Cadmium	Hexavalent Chromium	PBB	PBDE
0,1943	12,0	0,0	0,1	<5	0*	0*
RoHS Limit (ppm)	1 000	1 000	100	1 000	1 000	1 000
Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass

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Date: 17 September 2004
Product Family: TAJ
Case Size: D
Dielectric Type: Tantalum Pentoxide
Device Type: Moulded surface mount tantalum capacitor
Exemptions: None

Equipment: ICP AES (Integra XL2; GBC, Dandenong, Australia)
Sample Wgt: 0.20 grams (analysis provided on raw materials)
Analyzed Elements: Cd, Cr, Hg ,Pb

Materials Controlled by RoHS (ppm by weight)

Mass/unit (g)	Lead	Mercury	Cadmium	Hexavalent Chromium	PBB	PBDE
0,3725	10,4	0,0	0,1	<5	0*	0*
RoHS Limit (ppm)	1 000	1 000	100	1 000	1 000	1 000
Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass

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Date: 17 September 2004
Product Family: TAJ
Case Size: E
Dielectric Type: Tantalum Pentoxide
Device Type: Moulded surface mount tantalum capacitor
Exemptions: None

Equipment: ICP AES (Integra XL2; GBC, Dandenong, Australia)
Sample Wgt: 0.20 grams (analysis provided on raw materials)
Analyzed Elements: Cd, Cr, Hg ,Pb

Materials Controlled by RoHS (ppm by weight)

Mass/unit (g)	Lead	Mercury	Cadmium	Hexavalent Chromium	PBB	PBDE
0,5314	10,0	0,0	0,1	<5	0*	0*
RoHS Limit (ppm)	1 000	1 000	100	1 000	1 000	1 000
Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass

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Certification of Compliance to RoHS Standards

Date: 17 September 2004
Product Family: TAJ
Case Size: V
Dielectric Type: Tantalum Pentoxide
Device Type: Moulded surface mount tantalum capacitor
Exemptions: None

Equipment: ICP AES (Integra XL2; GBC, Dandenong, Australia)
Sample Wgt: 0.20 grams (analysis provided on raw materials)
Analyzed Elements: Cd, Cr, Hg ,Pb

Materials Controlled by RoHS (ppm by weight)

Mass/unit (g)	Lead	Mercury	Cadmium	Hexavalent Chromium	PBB	PBDE
0,6807	10,3	0,0	0,1	<5	0*	0*
RoHS Limit (ppm)	1 000	1 000	100	1 000	1 000	1 000
Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass

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Certification of Compliance to RoHS Standards

Date: 17 September 2004
Product Family: TAJ
Case Size: R
Dielectric Type: Tantalum Pentoxide
Device Type: Moulded surface mount tantalum capacitor
Exemptions: None

Equipment: ICP AES (Integra XL2; GBC, Dandenong, Australia)
Sample Wgt: 0.20 grams (analysis provided on raw materials)
Analyzed Elements: Cd, Cr, Hg ,Pb

Materials Controlled by RoHS (ppm by weight)

Mass/unit (g)	Lead	Mercury	Cadmium	Hexavalent Chromium	PBB	PBDE
0,0100	4,7	0,1	0,1	<5	0*	0*
RoHS Limit (ppm)	1 000	1 000	100	1 000	1 000	1 000
Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass

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Certification of Compliance to
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Date: 17 September 2004
Product Family: TAJ
Case Size: S
Dielectric Type: Tantalum Pentoxide
Device Type: Moulded surface mount tantalum capacitor
Exemptions: None

Equipment: ICP AES (Integra XL2; GBC, Dandenong, Australia)
Sample Wgt: 0.20 grams (analysis provided on raw materials)
Analyzed Elements: Cd, Cr, Hg ,Pb

Materials Controlled by RoHS (ppm by weight)

Mass/unit (g)	Lead	Mercury	Cadmium	Hexavalent Chromium	PBB	PBDE
0,0187	5,6	0,1	0,1	<5	0*	0*
RoHS Limit (ppm)	1 000	1 000	100	1 000	1 000	1 000
Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass

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Date: 17 September 2004
Product Family: TAJ
Case Size: T
Dielectric Type: Tantalum Pentoxide
Device Type: Moulded surface mount tantalum capacitor
Exemptions: None

Equipment: ICP AES (Integra XL2; GBC, Dandenong, Australia)
Sample Wgt: 0.20 grams (analysis provided on raw materials)
Analyzed Elements: Cd, Cr, Hg ,Pb

Materials Controlled by RoHS (ppm by weight)

Mass/unit (g)	Lead	Mercury	Cadmium	Hexavalent Chromium	PBB	PBDE
0,0350	5,2	0,1	0,1	<5	0*	0*
RoHS Limit (ppm)	1 000	1 000	100	1 000	1 000	1 000
Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass

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Date: 17 September 2004
Product Family: TAJ
Case Size: W
Dielectric Type: Tantalum Pentoxide
Device Type: Moulded surface mount tantalum capacitor
Exemptions: None

Equipment: ICP AES (Integra XL2; GBC, Dandenong, Australia)
Sample Wgt: 0.20 grams (analysis provided on raw materials)
Analyzed Elements: Cd, Cr, Hg ,Pb

Materials Controlled by RoHS (ppm by weight)

Mass/unit (g)	Lead	Mercury	Cadmium	Hexavalent Chromium	PBB	PBDE
0,0966	14,5	0,0	0,1	<5	0*	0*
RoHS Limit (ppm)	1 000	1 000	100	1 000	1 000	1 000
Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass

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Date: 17 September 2004
Product Family: TAJ
Case Size: X
Dielectric Type: Tantalum Pentoxide
Device Type: Moulded surface mount tantalum capacitor
Exemptions: None

Equipment: ICP AES (Integra XL2; GBC, Dandenong, Australia)
Sample Wgt: 0.20 grams (analysis provided on raw materials)
Analyzed Elements: Cd, Cr, Hg ,Pb

Materials Controlled by RoHS (ppm by weight)

Mass/unit (g)	Lead	Mercury	Cadmium	Hexavalent Chromium	PBB	PBDE
0,1583	12,2	0,0	0,1	<5	0*	0*
RoHS Limit (ppm)	1 000	1 000	100	1 000	1 000	1 000
Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass

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**Certification of Compliance to
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Date: 17 September 2004
Product Family: TAJ
Case Size: Y
Dielectric Type: Tantalum Pentoxide
Device Type: Moulded surface mount tantalum capacitor
Exemptions: None

Equipment: ICP AES (Integra XL2; GBC, Dandenong, Australia)
Sample Wgt: 0.20 grams (analysis provided on raw materials)
Analyzed Elements: Cd, Cr, Hg ,Pb

Materials Controlled by RoHS (ppm by weight)

Mass/unit (g)	Lead	Mercury	Cadmium	Hexavalent Chromium	PBB	PBDE
0,2368	10,5	0,0	0,1	<5	0*	0*
RoHS Limit (ppm)	1 000	1 000	100	1 000	1 000	1 000
Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass

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Date: 17 September 2004
Product Family: TAJ
Case Size: P
Dielectric Type: Tantalum Pentoxide
Device Type: Moulded surface mount tantalum capacitor
Exemptions: None

Equipment: ICP AES (Integra XL2; GBC, Dandenong, Australia)
Sample Wgt: 0.20 grams (analysis provided on raw materials)
Analyzed Elements: Cd, Cr, Hg ,Pb

Materials Controlled by RoHS (ppm by weight)

Mass/unit (g)	Lead	Mercury	Cadmium	Hexavalent Chromium	PBB	PBDE
0,0151	5,1	0,1	0,1	<5	0*	0*
RoHS Limit (ppm)	1 000	1 000	100	1 000	1 000	1 000
Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass

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Date: 17 September 2004
Product Family: TAJ
Case Size: Q
Dielectric Type: Tantalum Pentoxide
Device Type: Moulded surface mount tantalum capacitor
Exemptions: None

Equipment: ICP AES (Integra XL2; GBC, Dandenong, Australia)
Sample Wgt: 0.20 grams (analysis provided on raw materials)
Analyzed Elements: Cd, Cr, Hg ,Pb

Materials Controlled by RoHS (ppm by weight)

Mass/unit (g)	Lead	Mercury	Cadmium	Hexavalent Chromium	PBB	PBDE
0,0090	3,7	0,2	0,1	<5	0*	0*
RoHS Limit (ppm)	1 000	1 000	100	1 000	1 000	1 000
Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass

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