



CZECH REPUBLIC S.R.O.

A KYOCERA GROUP COMPANY

TCJ series

Dagmar Krejcirova
Specification Engineer
12.07.2016

Contact: RohsCompliance-tantalum@eur.avx.com		Case size		B	
MATERIALS	CONSTITUENT	PURPOSE	CAS	mg	%
	capacitor (mg)			72	100
ANODE BODY	anode body			32,452	45,07%
	tantalum + tantalum(V) oxide	Anode	7440-25-7 1314-61-0	29,000	40,28%
	tantalum wire	Internal connection	7440-25-7	0,890	1,24%
	Poly(3,4-Ethylenedioxythiophene)	Cathode	126213-51-2	1,827	2,54%
	graphite	Barrier	7782-42-5	0,128	0,18%
	titanium dioxide	Anode protection	13463-67-7	0,600	0,83%
	green teflon	Wire protection	9002-84-0	0,008	0,01%
SILVER LAYER	silver layer	Internal connection		1,200	1,67%
	silver particles		7440-22-4	1,138	1,58%
	bisphenol A-(epichlorhydrine) resin		25068-38-6	0,062	0,09%
SILVER PASTE	silver paste	Internal connection		0,188	0,26%
	silver particles		7440-22-4	0,162	0,22%
	epoxy resin, Bis-F		68610-73-1	0,026	0,04%
MOULDING MASS	moulding mass	Case		27,590	38,32%
	epoxy resin		129915-35-1	8,277	11,50%
	silica fused		60676-86-0	19,313	26,82%
TERMINATION- CU	Base material	Termination		10,050	13,96%
	Copper		7440-50-8	9,973	13,85%
	Iron		7439-89-6	0,008	0,01%
	Zinc		7440-66-6	-	-
	Phosphorus		7723-14-0	-	-
	Chromium		7440-47-3	0,050	0,07%
	Silver		7440-22-4	0,010	0,01%
	Titanium		7440-32-6	0,006	0,01%
	Silicon		7440-21-3	0,003	0,00%
	Plating	Termination finish		0,520	0,72%
	tin		7440-31-5	0,498	0,69%
	nickel	Barrier	7440-02-0	0,011	0,02%
silver	Barrier	7440-22-4	0,011	0,02%	