



CZECH REPUBLIC S.R.O.

A KYOCERA GROUP COMPANY

TAJ Series		Dagmar Krejcirova Specification Engineer 07.07.2016			
Contact: RohsCompliance-tantalum@eur.avx.com		Case size		B	
MATERIALS	CONSTITUENT	PURPOSE	CAS	mg	%
	capacitor (mg)			68	100
ANODE BODY	anode body			33,539	49,32%
	tantalum + tantalum(V) oxide	Anode	7440-25-7 1314-61-0	27,389	40,28%
	tantalum wire	Internal connection	7440-25-7	0,841	1,24%
	manganese(II) oxide	Cathode	1313-13-9	5,177	7,61%
	graphite	Barrier	7782-42-5	0,121	0,18%
	polymethylhydrogen siloxane	Moisture barrier	63148-62-9	0,005	0,01%
	green teflon	Wire protection	9002-84-0	0,007	0,01%
SILVER LAYER	silver layer	Internal connection		1,133	1,67%
	silver particles		7440-22-4	1,074	1,58%
	bisphenol A-(epichlorhydrine) resin		25068-38-6	0,059	0,09%
SILVER PASTE	silver paste	Internal connection		0,178	0,26%
	silver particles		7440-22-4	0,153	0,22%
	epoxy resin, Bis-F		68610-73-1	0,025	0,04%
MOULDING MASS	moulding mass	Case		23,167	34,07%
	epoxy resin		129915-35-1	6,950	10,22%
	silica fused		60676-86-0	16,217	23,85%
TERMINATION- NILO	Base material	Termination		9,492	13,96%
	nickel		7440-02-0	3,987	5,86%
	iron		7439-89-6	5,505	8,10%
	Plating	Termination finish		0,491	0,72%
	tin		7440-31-5	0,471	0,69%
	nickel	Barrier	7440-02-0	0,010	0,02%
	silver	Barrier	7440-22-4	0,010	0,02%