



# CZECH REPUBLIC S.R.O.

A KYOCERA GROUP COMPANY

## TLJ Series

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Case size

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MATERIALS	CONSTITUENT	PURPOSE	CAS	mg	%
	capacitor (mg)			29	100
ANODE BODY	anode body			12,033	41,49%
	tantalum + tantalum(V) oxide	Anode	7440-25-7 1314-61-0	9,448	32,58%
	tantalum wire	Internal connection	7440-25-7	0,748	2,58%
	manganese(II) oxide	Cathode	1313-13-9	1,786	6,16%
	graphite	Barrier	7782-42-5	0,042	0,14%
	polymethylhydrogen siloxane	Moisture barrier	63148-62-9	0,002	0,01%
	green teflon	Wire protection	9002-84-0	0,007	0,03%
SILVER LAYER	silver layer	Internal connection		0,561	1,94%
	silver particles		7440-22-4	0,532	1,83%
	bisphenol A-(epichlorhydrine) resin		25068-38-6	0,029	0,10%
SILVER PASTE	silver paste	Internal connection		0,098	0,34%
	silver particles		7440-22-4	0,085	0,29%
	epoxy resin, Bis-F		68610-73-1	0,014	0,05%
MOULDING MASS	moulding mass	Case		11,686	40,30%
	epoxy resin		129915-35-1	3,506	12,09%
	silica fused		60676-86-0	8,180	28,21%
TERMINATION-NILO	Base material	Termination		4,397	15,16%
	nickel		7440-02-0	1,847	6,37%
	iron		7439-89-6	2,550	8,79%
	Plating	Termination finish		0,225	0,77%
	tin		7440-31-5	0,215	0,74%
	nickel	Barrier	7440-02-0	0,005	0,02%
	silver	Barrier	7440-22-4	0,005	0,02%