

Products	Shape	Dimensions (mm)			Available Range	Packaging					Condition			RoHS [*] Compliant	
		L	W	T		Carrier Tape: mm			Qty. / Reel	Reflow	Flow	Washable			
						Material	Width	Pitch					ø180		ø330
Multilayer Ceramic Chip Capacitors (CM Series)		CM02 (01005)	0.4	0.2	0.2	1pF to 0.22μF	Plastic Paper	4	1	40,000	—	Yes	No	Yes	Yes
		CM03 (0201)	0.6	0.3	0.3	0.2pF to 2.2μF	Paper	8	2	30,000	150,000	Yes	No	Yes	Yes
		CM05 (0402)	1.0	0.5	0.5	120pF to 22μF	Paper	8	2	20,000	100,000	Yes	No	Yes	Yes
		CM105 (0603)	1.6	0.8	0.8	560pF to 22μF	Paper	8	2	8,000	20,000	Yes	Yes	Yes	Yes
		CM21 (0805)	2.0	1.25	0.85	680pF to 2700pF	Paper	8	4	4,000	10,000	Yes	Yes	Yes	Yes
		CM316 (1206)	2.0	1.25	1.25	3300pF to 22μF	Plastic	8	4	3,000	10,000	Yes	Yes	Yes	Yes
			3.2	1.6	1.15	1μF	Plastic	8	4	3,000	10,000	Yes	Yes	Yes	Yes
		CM32 (1210)	3.2	1.6	1.6	1μF to 47μF	Plastic	8	4	2,500	5,000	Yes	Yes	Yes	Yes
			3.2	2.5	1.4	1μF	Plastic	8	4	3,000	10,000	Yes	No	Yes	Yes
			3.2	2.5	1.6	4.7μF	Plastic	8	4	2,500	5,000	Yes	No	Yes	Yes
			3.2	2.5	2.0	1μF to 10μF	Plastic	8	4	2,000	5,000	Yes	No	Yes	Yes
		CM43 (1812)	3.2	2.5	2.5	4.7μF to 100μF	Plastic	8	4	1,000	4,000	Yes	No	Yes	Yes
			4.5	3.2	2.0	1μF	Plastic	12	8	1,000	—	Yes	No	Yes	Yes
			4.5	3.2	2.5	1μF to 2.2μF	Plastic	12	8	500	—	Yes	No	Yes	Yes
Tantalum Capacitors F92 Series		P case	2.0	1.25	1.1	0.47μF to 33μF	Plastic	8	4	3,000	8,000	Yes	Yes	Yes	Yes
		A case	3.2	1.6	1.1	0.22μF to 100μF	Plastic	8	4	2,500	8,000	Yes	Yes	Yes	Yes
		B case	3.4	2.8	1.1	2.2μF to 150μF	Plastic	8	4	2,500	8,000	Yes	Yes	Yes	Yes
Tantalum Capacitors F93 Series		A case	3.2	1.6	1.6	0.68μF to 100μF	Plastic	8	4	2,000	8,000	Yes	Yes	Yes	Yes
		B case	3.5	2.8	1.9	2.2μF to 220μF	Plastic	8	4	2,000	6,000	Yes	Yes	Yes	Yes
		C case	6.0	3.2	2.5	4.7μF to 330μF	Plastic	12	8	500	2,500	Yes	Yes	Yes	Yes
		N case	7.3	4.3	2.8	15μF to 680μF	Plastic	12	8	500	2,500	Yes	Yes	Yes	Yes
High Reliability Tantalum Capacitors F93-AJ6 Series (For Automotive)		A case	3.2	1.6	1.6	1μF to 100μF	Plastic	8	4	2,000	8,000	Yes	Yes	Yes	Yes
		B case	3.5	2.8	1.9	2.2μF to 220μF	Plastic	8	4	2,000	6,000	Yes	Yes	Yes	Yes
		C case	6.0	3.2	2.5	4.7μF to 330μF	Plastic	12	8	500	2,500	Yes	Yes	Yes	Yes
		N case	7.3	4.3	2.8	15μF to 680μF	Plastic	12	8	500	2,500	Yes	Yes	Yes	Yes
High Reliability Tantalum Capacitors F97 Series (For Automotive)		A case	3.2	1.6	1.6	0.33μF to 33μF	Plastic	8	4	2,000	8,000	Yes	Yes	Yes	Yes
		B case	3.5	2.8	1.9	1.5μF to 47μF	Plastic	8	4	2,000	6,000	Yes	Yes	Yes	Yes
		C case	6.0	3.2	2.5	3.3μF to 150μF	Plastic	12	8	500	2,500	Yes	Yes	Yes	Yes
		N case	7.3	4.3	2.8	6.8μF to 100μF	Plastic	12	8	500	2,500	Yes	Yes	Yes	Yes
Conformal Coated Tantalum Capacitors F95 Series		R case	2.2	1.25	0.65 max.	1μF to 22μF	Plastic	8	4	3,000	10,000	Yes	Yes	Yes	Yes
		P case	2.2	1.25	1.0	1μF to 150μF	Plastic	8	4	3,000	10,000	Yes	Yes	Yes	Yes
		O case	3.2	1.6	0.8	4.7μF to 220μF	Plastic	8	4	2,500	10,000	Yes	Yes	Yes	Yes
		S case	3.2	1.6	1.0	1μF to 220μF	Plastic	8	4	2,500	10,000	Yes	Yes	Yes	Yes
		A case	3.2	1.7	1.4	2.2μF to 330μF	Plastic	8	4	2,500	10,000	Yes	Yes	Yes	Yes
		B case	3.5	2.7	1.0	22μF to 330μF	Plastic	8	4	2,500	10,000	Yes	Yes	Yes	Yes
Conformal Coated Tantalum Capacitors F72 Series		R case	7.2	6.0	1.2	33μF to 330μF	Plastic	12	8	1,000	—	Yes	Yes	Yes	Yes
		M case	7.2	6.0	2.0 max.	220μF to 1500μF	Plastic	12	8	500	—	Yes	Yes	Yes	Yes
Conformal Coated Tantalum Capacitors F75 Series		U case	7.1	3.2	2.0 max.	470μF	Plastic	12	8	500	—	Yes	Yes	Yes	Yes
		C case	7.1	3.2	2.5	68μF to 470μF	Plastic	12	8	500	—	Yes	Yes	Yes	Yes
		D case	7.3	4.3	2.8	150μF to 1000μF	Plastic	12	8	500	—	Yes	Yes	Yes	Yes
		R case	7.2	6.0	3.5	220μF to 2200μF	Plastic	12	8	500	—	Yes	Yes	Yes	Yes
Faceted Tantalum Capacitors F98 Series		U case	1.10	0.60	0.55	2.2μF to 22μF	Paper	8	2	10,000	—	Yes	Yes	Yes	Yes
		M case	1.6	0.85	0.9 max.	1μF to 100μF	Plastic	8	4	4,000	—	Yes	Yes	Yes	Yes
		S case	2.0	1.25	0.9 max.	1μF to 220μF	Plastic	8	4	4,000	—	Yes	Yes	Yes	Yes
Tantalum Capacitors F38 Series (Polymer)		U case	1.10	0.60	0.55	0.47μF	Paper	8	2	10,000	—	Yes	No	Yes	Yes
		M case	1.6	0.85	0.9 max.	2.2μF to 47μF	Plastic	8	4	4,000	—	Yes	No	Yes	Yes
		S case	2.0	1.25	0.9 max.	22μF to 100μF	Plastic	8	4	4,000	—	Yes	No	Yes	Yes
Tantalum Capacitors TAJ Series		A case	3.2	1.6	1.6	0.1μF to 100μF	Plastic	8	4	2,000	—	Yes	Yes	Yes	Yes
		B case	3.5	2.8	1.9	0.15μF to 220μF	Plastic	8	4	2,000	—	Yes	Yes	Yes	Yes
		C case	6.0	3.2	2.6	0.47μF to 680μF	Plastic	12	8	500	—	Yes	Yes	Yes	Yes
		D case	7.3	4.3	2.9	1.5μF to 1500μF	Plastic	12	8	500	—	Yes	Yes	Yes	Yes
		E case	7.3	4.3	4.1	10μF to 1500μF	Plastic	12	8	400	—	Yes	Yes	Yes	Yes
		U case	7.3	6.1	4.1	470μF	Plastic	16	8	400	—	Yes	Yes	Yes	Yes
		V case	7.3	6.1	3.55	10μF to 2200μF	Plastic	12	8	400	—	Yes	Yes	Yes	Yes
		F case	6.0	3.2	2.0 max.	68μF to 470μF	Plastic	12	8	1,000	—	Yes	Yes	Yes	Yes
		H case	3.5	2.8	1.5 max.	47μF	Plastic	8	4	2,500	—	Yes	Yes	Yes	Yes
		K case	3.2	1.6	1.0 max.	4.7μF to 33μF	Plastic	8	4	3,000	—	Yes	Yes	Yes	Yes
		P case	2.05	1.35	1.5 max.	0.22μF to 47μF	Plastic	8	4	2,500	—	Yes	Yes	Yes	Yes
		R case	2.05	1.3	1.2 max.	0.1μF to 22μF	Plastic	8	4	2,500	—	Yes	Yes	Yes	Yes
		S case	3.2	1.6	1.2 max.	0.1μF to 47μF	Plastic	8	4	2,500	—	Yes	Yes	Yes	Yes
		T case	3.5	2.8	1.2 max.	0.33μF to 150μF	Plastic	8	4	2,500	—	Yes	Yes	Yes	Yes
		W case	6.0	3.2	1.5 max.	1μF to 330μF	Plastic	12	8	1,000	—	Yes	Yes	Yes	Yes
		X case	7.3	4.3	1.5 max.	10μF to 330μF	Plastic	12	8	1,000	—	Yes	Yes	Yes	Yes
		Y case	7.3	4.3	2.0 max.	3.3μF to 1000μF	Plastic	12	8	1,000	—	Yes	Yes	Yes	Yes
Niobium Oxide Capacitors NOJ Series		A case	3.2	1.6	1.6	4.7μF to 47μF	Plastic	8	4	2,000	—	Yes	Yes	Yes	Yes
		B case	3.5	2.8	1.9	10μF to 100μF	Plastic	8	4	2,000	—	Yes	Yes	Yes	Yes
		C case	6.0	3.2	2.6	22μF to 330μF	Plastic	12	8	500	—	Yes	Yes	Yes	Yes
		D case	7.3	4.3	2.9	100μF to 470μF	Plastic	12	8	500	—	Yes	Yes	Yes	Yes
		E case	7.3	4.3	4.1	220μF to 680μF	Plastic	12	8	400	—	Yes	Yes	Yes	Yes
		V case	7.3	6.1	3.55	470μF to 1000μF	Plastic	12	8	400	—	Yes	Yes	Yes	Yes
		F case	6.0	3.2	2.0 max.	100μF to 220μF	Plastic	12	8	1,000	—	Yes	Yes	Yes	Yes
		P case	2.05	1.35	1.5 max.	2.2μF to 22μF	Plastic	8	4	2,500	—	Yes	Yes	Yes	Yes
		S case	3.2	1.6	1.2 max.	4.7μF to 22μF	Plastic	8	4	2,500	—	Yes	Yes	Yes	Yes
		T case	3.5	2.8	1.2 max.	4.7μF to 47μF	Plastic	8	4	2,500	—	Yes	Yes	Yes	Yes
		W case	6.0	3.2	1.5 max.	33μF to 100μF	Plastic	12	8	1,000	—	Yes	Yes	Yes	Yes
		X case	7.3	4.3	1.5 max.	68μF to 220μF	Plastic	12	8	1,000	—	Yes	Yes	Yes	Yes
		Y case	7.3	4.3	2.0 max.	68μF to 470μF	Plastic	12	8	1,000	—	Yes	Yes	Yes	Yes

* RoHS Compliant Products: Products which do not contain lead, cadmium, mercury, hexavalent chromium, PBB and PBDE, based on EU DIRECTIVE 2011/65/EU. Substances exempted by the DIRECTIVE and impurities observed in natural environment are excepted.