


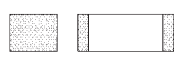

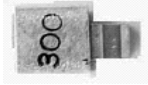


Chip and SMT Selector Guide

Form Factor	Type	Description	Voltage Range (Vdc)	Capacitance Range (µF)	Temperature Range (°C)	Load Life (h @ °C)	Page Number
Aluminum Electrolytic, Cylindrical							
	AVS	General Purpose	4 to 100	0.1 to 1500	-40 to +85	2000 @ 85	7.002
	AHA	Long-Life	6.3 to 100	0.1 to 1500	-55 to +105	1000 or 2000 @ 85	7.007
	AFC	Long-Life, Low Impedance	6.3 to 50	1 to 1500	-55 to +105	1000 @ 105	7.012
	AHD	Very Long Life	10 to 100	0.47 to 330	-40 to +105	5000 @ 105	7.016
	AFK	Compact, Low ESR, Low Z, Long Life	6.3 to 100	3.3 to 6800	-55 to +105	2000 or 5000 @ 105	7.020
	AEB	High Voltage Low Z, Long Life	160 to 450	2.2 to 100	-20 to +105	3000 or 5000 @ 105	7.025
Aluminum Polymer, Chip							
	ESRD	Low Profile Tantalum D Case Compatible	2 to 16	2.2 to 270	-55 to +105	1000 @ 105	7.035
	ESRE	High Temperature Tantalum E Case Compatible	2 to 8	100 to 390	-55 to +105	1000 @ 105	7.035
	ESRH	Tantalum E Case Compatible	2 to 8	68 to 270	-55 to +105	1000 @ 105	7.035
	SPA	Ultra-Low ESR	2 to 6.3	56 to 470	-55 to +105	1000 @ 105	7.035
Mica Chip Capacitors							
	MC	Silver Mica, 0805, 1210, 1812, 2220	100 to 1000	1 pF to 0.0022	-55 to +125	2000 @ 125	7.061
Film Chip Capacitors							
	FCN	Met. PEN 1206 to 6040	16 to 250	0.001 to 1.0	-40 to +85 or -55 to +105	1000 @ 85	7.072
	FCP	Met. PPS, 0805, 1206, 1210, 1913, 2416	16 to 50	0.0001 to 0.22	-55 to +125	1000 @ 125	7.080
	FCA	Acrylic Resin, 0805, 1206, 1210	16	0.1 to 1.0	-40 to +85	1000 @ 85	7.086
Tantalum Chip Capacitors							
	T491	Solid Tantalum, 3216, 3528, 6032, 7343, 7343H	4 to 50	0.1 to 220	-55 to +125	2000 @ 85	7.054
	T495	Solid Tantalum 7343, 7342H&L	6 to 50	4.7 to 470	-55 to +125	2000 @ 85	7.058
Mica and Teflon Metal Clad Surface Mount Capacitors							
	MCM01	Mica Metal Clad	300 to 1000	33 to 1500 pF	-55 to +150	TBD	7.068
	MIN02		300	10 to 350 pF	-55 to +150	TBD	7.068
	MCM01	Teflon Metal Clad	300, 500	1 to 32 pF	-55 to +150	TBD	7.068
	MIN02		300	1 to 9 pF	-55 to +150	TBD	7.068