

# Solid Electrolytic Capacitors Road Map

	Solid Electrolyte SMD Chip									
	Standard	Low ESR	Multianodes	Polymer	PulseCap™	High CV	CWR 09, 19, 29*		Fused	Modules
							Standard	Low ESR		
Commercial	TAJ	TPS Low ESR	TPM Ultra Low ESR	TCJ	TLN PulseCap™	TLJ			F98-AS1 Fused	
	TAJ Low Profile			TCM Multianode		TLN Undertab				
	F93					F91				
	F92 Low Profile	TCN Undertab		F72/F75 Conformal						
	F95 Conformal									
Professional	TAJ Automotive	TPS Automotive	TRM	TCQ Automotive						
	F93-AJ6	F91-AJ6		TCR Professional						
	TRJ	TRJ Low ESR	TMJ							
	F97									
High-Temp	THJ 175/200°C									
CECC	TAJ CECC* 30801-011 30801-005									
COTS+*	TBJ	TBJ Low ESR	TBM Ultra Low ESR	TCB TCS			TAZ	TAZ		TCP Ultra Low ESR
DSCC*	DSCC 95158 DSCC 07016	DSCC 95158 DSCC 07016								DSCC 09009
MIL-PRF*	CWR11						CWR09 CWR19 High CV	CWR29		
Space Level*	TAJ ESCC ESCC 3012/001	TBJ SRC9000	TBM SRC9000				TAZ SRC9000	TAZ SRC9000		TCP SRC9000
		TES ESCC 3012-004	TES ESCC 3012-004				CWR 'T' Level	CWR 'T' Level		
Medical*	T4J HRC4000						TAZ HRC5000	TAZ HRC5000		TCP HRC5000
							TAZ HRC6000	TAZ HRC6000		

\*See High Reliability Tantalum Catalog

NOTE: For specific requirements please contact manufacturer

SMD Solid Electrolyte Chip Capacitors Series Guide per Construction						
Construction Type / Purpose	General	Low profile	HiCV	Low ESR	Polymer	Performance
J-lead Design	TAJ	TAJ-LP	TLJ	TPS	TCJ	TRJ
				TPM		TCM
	F93	F92		F91	TCQ	THJ
					TCR	THJ+
J-lead NbO	NOJ	NOJ-LP	NLJ	NOS NOM		TMJ
TACmicrochip®	TAC	TAC-LP	TLC	TPC		
Undertab			TLN		TCN	
			TLN PulseCap™		J-CAP™	
			F98		F38	
Conformal	F95		F72/F75			AUDIO F95

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	TACmicrochip®			Leaded			Hermetic Sealed*		Niobium OxiCap®		
	High CV	Standard	Low ESR	Resin Dipped	Wet*	Wet** Modules	Polymer	MnO <sub>2</sub>	Standard	Low ESR	Multianode
Commercial	TLC	TAC	TPC	TAP/TEP Radial					NOJ NLJ	NOS	NOM
Professional					TWD		TCH	THH	NOJ	NOS	NOM
High-Temp					TWA-Y 200°C TWC-Y 200°C			THH 230°C			
CECC				TAP CECC 30201-032	TWA						
COTS+*		TBC			TWA TWS	TWM	TCH	THH			
DSCC*					DSCC 93026 DSCC 13017						
MIL-PRF*		CWR15			M39006						
Space Level*		TBC SRC9000			TWC SRW9000 TWS SRW9000	TWM	TCH				
Medical*		TBC HRC5000 TBC HRC6000 T4C HRC4000									

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Under development

