

6.1.3 Tantalum

CAPACITORS, LEADLESS SURFACE MOUNTED, TANTALUM, SOLID ELECTROLYTE, TYPE TAJ				196K
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3012 Detail ESCC 3012/001	Kyocera AVX components sro Lanskroun Czech Republic	Qualification	ESA	Jun 1993
Remarks:				
Qualified Range: Variants 01 to 07 and 11 to 17 are qualified Termination finish: - A and B case sizes are available in NILO only, e.g., Variant 01 (A case), Variant 02 (B case) - C, D, E case sizes are available as Copper only, e.g., Variant 13 (C case), Variant 14 (D case), Variant 17 (E case)				

POLYMER MULTI ANODE TANTALUM CAPACITOR BASED ON TCS TYPE.				366A
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3012 Detail ESCC 3012/006	Kyocera AVX components sro Lanskroun Czech Republic	Qualification	ESA	Apr 2020
Remarks:				

Qualified Range:

Variant 01. Case style E (2917). Tolerance: ± 20%.

Capacitance C _n	Rated Voltage U _R					
	6.3V	10V	16V	20V	25V	35V
22µF						50mΩ
33µF					50mΩ	
68µF				25mΩ		
150µF			20mΩ			
220µF		15mΩ	20mΩ			
330µF	12mΩ	15mΩ				
470µF	12mΩ					

Operating Temperature Range (°C):-55 to +105

CAPACITORS, LEADLESS SURFACE MOUNTED, TANTALUM, SOLID ELECTROLYTE, TYPE TES				327D
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3012 Detail ESCC 3012/004	Kyocera AVX components sro Lanskroun Czech Republic	Qualification	ESA	Oct 2013
Remarks:				

Qualified Range:

Variants 01 to 05. Case styles A (1206), B (1210), C (2312), D (2917), E (2917)

Capacitance C _n (μF)	Rated Voltage U _R							
	6.3V	10V	12V	16V	20V	25V	35V	50V
1						A 3000		B 2000
3.3					A 2500		B 1000	C 1000
4.7				A 2000		B 1000	C 600	D 200
10		A 1800			B 1000	C 600	D 120	
22	A 900			B 600	C 400		D 100	
33		B 650			C 300	D 65	E 65	
47	B 500			C 350	D 55	E 65		
100		C 200		D 55	E 45			
150	C 300	D 45		E 40				
220		D 35	E 35					
330	D 35	E 35						
470	E 30							

Operating Temperature Range (°C):-55 to +105