

6.1.3 Tantalum

CAPACITORS, LEADLESS SURFACE MOUNTED, TANTALUM, SOLID ELECTROLYTE, TYPE TAJ				196L
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.				366B				
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date				
Generic ESCC 3012	Kyocera AVX components sro Lanskroun Czech Republic	Qualification	ESA	Apr 2020				
Detail ESCC 3012/006		Remarks:						
Qualified Range:								
Variant 01. Case style E (2917). Tolerance: ± 20%.								
Capacitance C _n	DC Rated Voltage U _R							
	4V	6.3V	10V	16V	20V	25V	35V	50V
15µF								100mΩ
22µF							50mΩ	75mΩ
33µF						50mΩ	50mΩ	
47µF						50mΩ		
68µF					25mΩ			
100µF					25mΩ			
150µF				20mΩ				
220µF			15mΩ	20mΩ				
330µF		12mΩ	15mΩ					
470µF	12mΩ	12mΩ						
680µF	12mΩ							
Operating Temperature Range (°C):-55 to +105								

CAPACITORS, LEADLESS SURFACE MOUNTED, TANTALUM, SOLID ELECTROLYTE, TYPE TES				327F
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)	DC 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	E 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