

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	Kyocera AVX components sro Lanskroun Czech Republic	Qualification	ESA	Jun 1993
Detail ESCC 3012/001		Remarks:		
<p>Qualified Range:</p> <p>Variants 01 to 07 and 11 to 17 are qualified</p> <p>Termination finish:</p> <ul style="list-style-type: none"> • 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																																																																																																																				
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Generic ESCC 3012 Detail ESCC 3012/006	Kyocera AVX components sro Lanskroun Czech Republic	Qualification	ESA	Apr 2020																																																																																																																				
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<p>Qualified Range:</p> <p>Variant 01. Case style E (2917). Tolerance: $\pm 20\%$.</p> <table border="1"> <thead> <tr> <th rowspan="2">Capacitance C_n</th> <th colspan="8">DC Rated Voltage U_R</th> </tr> <tr> <th>4V</th> <th>6.3V</th> <th>10V</th> <th>16V</th> <th>20V</th> <th>25V</th> <th>35V</th> <th>50V</th> </tr> </thead> <tbody> <tr> <td>15μF</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>100mΩ</td> </tr> <tr> <td>22μF</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>50mΩ</td> <td>75mΩ</td> </tr> <tr> <td>33μF</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>50mΩ</td> <td>50mΩ</td> <td></td> </tr> <tr> <td>47μF</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>50mΩ</td> <td></td> <td></td> </tr> <tr> <td>68μF</td> <td></td> <td></td> <td></td> <td></td> <td>25mΩ</td> <td></td> <td></td> <td></td> </tr> <tr> <td>100μF</td> <td></td> <td></td> <td></td> <td></td> <td>25mΩ</td> <td></td> <td></td> <td></td> </tr> <tr> <td>150μF</td> <td></td> <td></td> <td></td> <td>20mΩ</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>220μF</td> <td></td> <td></td> <td>15mΩ</td> <td>20mΩ</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>330μF</td> <td></td> <td>12mΩ</td> <td>15mΩ</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>470μF</td> <td>12mΩ</td> <td>12mΩ</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>680μF</td> <td>12mΩ</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Operating Temperature Range ($^{\circ}$C):-55 to +105</p>					Capacitance C_n	DC Rated Voltage U_R								4V	6.3V	10V	16V	20V	25V	35V	50V	15 μ F								100m Ω	22 μ F							50m Ω	75m Ω	33 μ F						50m Ω	50m Ω		47 μ F						50m Ω			68 μ F					25m Ω				100 μ F					25m Ω				150 μ F				20m Ω					220 μ F			15m Ω	20m Ω					330 μ F		12m Ω	15m Ω						470 μ F	12m Ω	12m Ω							680 μ F	12m Ω							
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