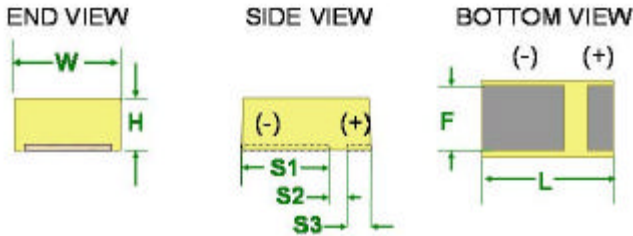
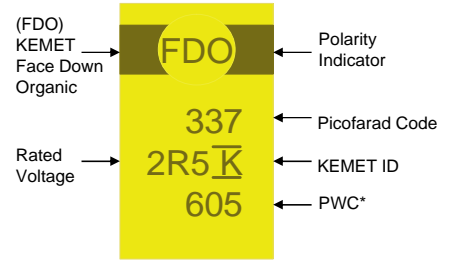


T528 Series - KEMET *F*ace *D*own Termination *O*rganic Tantalum Capacitor
Product Specification 7/28/06

Facedown Component Outline Drawing



Component Marking



* 605 = 5th week of 2006

Capacitor Dimensions: (dimensions in mm)

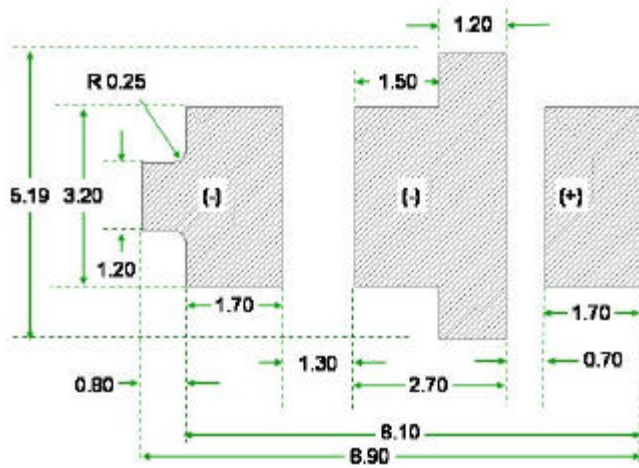
Case Codes		Length	Width	Height	LF Width	Cathode	Space	Anode
KEMET	EIA	L	W	H (Max.)	F ±0.2	S1 ±0.2	S2 ±0.2	S3 ±0.2
Z	7343-17	7.3±0.4	4.3±0.3	1.7	2.8	5.1	1.1	1.3

Part Number and Electrical Specification Table

KEMET Part Number	Case	Cap (µF)	Voltage (VDC)	DCL @V _R	DF 120Hz	ESR, 100kHz mΩ	Ripple Current (Arms)	
							Delta T of 20°C @ -55°C to 85°C	Delta T of 2°C @ 105°C
T528Z477M2R5ATE009	Z/7343-17/FD	470	2.5	118 µA	10 %	9 mΩ	6.0	1.9
T528Z477M2R5ATE012	Z/7343-17/FD	470	2.5	118 µA	10 %	12 mΩ	5.2	1.6

Land Pattern Dimensions for Reflow Solder

(units in mm.)



²Facedown 7343 will **not** fit on standard 7343 solder pads, and movement along Z axis could result in a short. Three-pad design must be used with center pad connection to circuit for low ESL properties. Dual pads on cathode connection required to prevent solder lifting with one cathode pad, and for mechanical hold. Will fit on Sanyo TPL pad specification – all dimensions equal except for 0.80 mm tab extension at left cathode (-) plate as shown above.