

**TPSR105K025R2500**



**Part Number:** [TPSR105K025R2500](#)  
**Manufacturer:** [AVX Corporation](#)  
**Description:** CAP TANT 1UF 25V 10% 0805  
**Data sheet:** [TPS Series, Low ESR](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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**PRODUCT PARAMETER**

<b>Part Number</b>	<a href="#">TPSR105K025R2500</a>
<b>Manufacturer</b>	<a href="#">AVX Corporation</a>
<b>Description</b>	CAP TANT 1UF 25V 10% 0805
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	312544 pcs
<b>Product Photo</b>	<a href="#">TPSR105K025R2500-001.jpg</a> , <a href="#">TPSR105K025R2500-002.jpg</a>
<b>Category</b>	<a href="#">Capacitors</a>
<b>Voltage - Rated</b>	25V
<b>Type</b>	Molded
<b>Tolerance</b>	±10%
<b>Size / Dimension</b>	0.081" L x 0.051" W (2.05mm x 1.30mm)
<b>Series</b>	TPS
<b>Packaging</b>	Cut Tape (CT)
<b>Package / Case</b>	0805 (2012 Metric)
<b>Other Names</b>	478-11121-1
<b>Operating Temperature</b>	-55°C ~ 125°C
<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Manufacturer Size Code</b>	R
<b>Lifetime @ Temp.</b>	-
<b>Lead Spacing</b>	-
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Height - Seated (Max)</b>	0.047" (1.20mm)
<b>Features</b>	General Purpose
<b>Failure Rate</b>	-
<b>ESR (Equivalent Series Resistance)</b>	2.5 Ohm
<b>Detailed Description</b>	1µF Molded Tantalum Capacitors 25V 0805 (2012 Metric) 2.5 Ohm
<b>Capacitance</b>	1µF

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	<b>Part#:</b> <a href="#">TPSMP9.1AHM3/85A</a> <b>Description:</b> TVS DIODE 7.78V 13.4V DO220AA	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 4249	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSR105M025R4000</a> <b>Description:</b> CAP TANT 1UF 25V 20% 0805	<b>Manufacturers:</b> <a href="#">AVX Corporation</a> <b>In Stock:</b> 272731	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSR105K025R4000</a> <b>Description:</b> CAP TANT 1UF 25V 10% 0805	<b>Manufacturers:</b> <a href="#">AVX Corporation</a> <b>In Stock:</b> 303085	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSR105M010R9000</a> <b>Description:</b> CAP TANT 1UF 10V 20% 0805	<b>Manufacturers:</b> <a href="#">AVX Corporation</a> <b>In Stock:</b> 386569	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSMP9.1HM3/84A</a> <b>Description:</b> TVS DIODE 7.37V 13.8V DO220AA	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 4201	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSR105M025R2500</a> <b>Description:</b> CAP TANT 1UF 25V 20% 0805	<b>Manufacturers:</b> <a href="#">AVX Corporation</a> <b>In Stock:</b> 224359	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSMP9.1HE3/84A</a> <b>Description:</b> TVS DIODE 7.37V 13.8V DO220AA	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 4453	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSR106K006R3000</a> <b>Description:</b> CAP TANT 10UF 6.3V 10% 0805	<b>Manufacturers:</b> <a href="#">AVX Corporation</a> <b>In Stock:</b> 149194	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSR106M006R1000</a> <b>Description:</b> CAP TANT 10UF 6.3V 20% 0805	<b>Manufacturers:</b> <a href="#">AVX Corporation</a> <b>In Stock:</b> 179037	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSMP9.1HE3/85A</a> <b>Description:</b> TVS DIODE 7.37V 13.8V DO220AA	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 5635	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSR106K004R3000</a> <b>Description:</b> CAP TANT 10UF 4V 10% 0805	<b>Manufacturers:</b> <a href="#">AVX Corporation</a> <b>In Stock:</b> 407282	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSR105M020R6000</a> <b>Description:</b> CAP TANT 1UF 20V 20% 0805	<b>Manufacturers:</b> <a href="#">AVX Corporation</a> <b>In Stock:</b> 167851	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSR106K006R1500</a> <b>Description:</b> CAP TANT 10UF 6.3V 10% 0805	<b>Manufacturers:</b> <a href="#">AVX Corporation</a> <b>In Stock:</b> 342543	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSR105K020R6000</a> <b>Description:</b> CAP TANT 1UF 20V 10% 0805	<b>Manufacturers:</b> <a href="#">AVX Corporation</a> <b>In Stock:</b> 351826	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSMP9.1AHM3_A/H</a> <b>Description:</b> TVS DIODE 7.78V 13.4V DO220AA	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 317520	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSR105K010R9000</a> <b>Description:</b> CAP TANT 1UF 10V 10% 0805	<b>Manufacturers:</b> <a href="#">AVX Corporation</a> <b>In Stock:</b> 406666	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSR106K006R1000</a> <b>Description:</b> CAP TANT 10UF 6.3V 10% 0805	<b>Manufacturers:</b> <a href="#">AVX Corporation</a> <b>In Stock:</b> 225852	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSMP9.1HM3/85A</a> <b>Description:</b> TVS DIODE 7.37V 13.8V DO220AA	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 4333	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSMP9.1AHM3_A/I</a> <b>Description:</b> TVS DIODE 7.78V 13.4V DO220AA	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 448068	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">TPSP106M010R2000</a> <b>Description:</b> CAP TANT 10UF 10V 20% 0805	<b>Manufacturers:</b> <a href="#">AVX Corporation</a> <b>In Stock:</b> 146364	<a href="#">RFQ</a>

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