

HOW TO INTERPRET THE JTI PART NUMBER - THIN FILM SPECIAL PRODUCTS

<p>500</p> <p>VOLTAGE CODE 1st 2 digits are significant: 3rd digit denotes number of zeros to follow: ea:500 = 50 VDCW R denotes decimal ea:6R0 = 6VDCW <i>Standard Voltages</i> 250 = 25 VDCW 500 = 50 VDCW 101 = 100 VDCW 201 = 200 VDCW 301 = 300 VDCW 501 = 500 VDCW 102 = 1000 VDCW 202 = 2000 VDCW 302 = 3000 VDCW 402 = 4000 VDCW 502 = 5000 VDCW</p> <p>U</p> <p>PART TYPE U=Single Layer - No border Cap B=Single Layer - Single Border Cap V=Single Layer - Double Border Cap D=Dual Split Chip E=SLC Bar Cap Arrays F=SLC Binary Arrays</p>	<p>CC</p> <p>SIZE CODES Use size codes for dimension 0.005" increments only</p> <p>SIZE CODES: (inches)</p> <table border="0"> <tr><td>CODE</td><td>DIM.</td></tr> <tr><td>B</td><td>= 0.010</td></tr> <tr><td>C</td><td>= 0.015</td></tr> <tr><td>D</td><td>= 0.020</td></tr> <tr><td>E</td><td>= 0.025</td></tr> <tr><td>F</td><td>= 0.030</td></tr> <tr><td>G</td><td>= 0.035</td></tr> <tr><td>H</td><td>= 0.040</td></tr> <tr><td>I</td><td>= 0.045</td></tr> <tr><td>J</td><td>= 0.050</td></tr> <tr><td>K</td><td>= 0.055</td></tr> <tr><td>L</td><td>= 0.060</td></tr> <tr><td>M</td><td>= 0.065</td></tr> <tr><td>N</td><td>= 0.070</td></tr> <tr><td>O</td><td>= 0.075</td></tr> <tr><td>P</td><td>= 0.080</td></tr> <tr><td>Q</td><td>= 0.085</td></tr> <tr><td>R</td><td>= 0.090</td></tr> <tr><td>S</td><td>= 0.095</td></tr> <tr><td>T</td><td>= 0.100</td></tr> <tr><td>U</td><td>= 0.110</td></tr> <tr><td>V</td><td>= 0.120</td></tr> <tr><td>W</td><td>= 0.130</td></tr> <tr><td>X</td><td>= 0.140</td></tr> <tr><td>Y</td><td>= 0.150</td></tr> <tr><td>Z</td><td>= 0.160</td></tr> <tr><td>2</td><td>= 0.170</td></tr> <tr><td>3</td><td>= 0.180</td></tr> <tr><td>4</td><td>= 0.190</td></tr> <tr><td>5</td><td>= 0.200</td></tr> <tr><td>6</td><td>= 0.250</td></tr> <tr><td>7</td><td>= 0.350</td></tr> <tr><td>8</td><td>= 0.450</td></tr> <tr><td>9</td><td>= 0.500</td></tr> <tr><td>*</td><td>= NON STANDARD</td></tr> </table> <p>UPP=0.080 X 0.080 DPP=0.080 X 0.080 . 0.010 gap M11= 1.000" X 1.000" M22= 2.000" X 2.000"</p>	CODE	DIM.	B	= 0.010	C	= 0.015	D	= 0.020	E	= 0.025	F	= 0.030	G	= 0.035	H	= 0.040	I	= 0.045	J	= 0.050	K	= 0.055	L	= 0.060	M	= 0.065	N	= 0.070	O	= 0.075	P	= 0.080	Q	= 0.085	R	= 0.090	S	= 0.095	T	= 0.100	U	= 0.110	V	= 0.120	W	= 0.130	X	= 0.140	Y	= 0.150	Z	= 0.160	2	= 0.170	3	= 0.180	4	= 0.190	5	= 0.200	6	= 0.250	7	= 0.350	8	= 0.450	9	= 0.500	*	= NON STANDARD	<p>T</p> <p>560</p> <p>CAPACITANCE CODE: 1st 2 digits are significant: 3rd digit denotes number of zeros to follow. ea:331 = 330 pF R denotes decimal eg:6R5 = 6.5 pF</p> <p>DIELECTRIC CODE A=NPO/COG B=BX/X7R C=NPO D=BX F=ALN G=Alumina K=NPO L=NEG TC N=NPO Q=P90/Hi Q R=NEG TC T=X7R U=NEG TC V=NEG TC W=X7R X=X7R Y=Y5V Z=Z5U</p>	<p>K</p> <p>TOLERANCE CODE: FOR CAP VALUES BELOW 10 pF ONLY A = ± .05 pF B = ± 0.1 pF C = ± .25 pF D = ± .50 pF</p> <p>FOR CAP VALUES ABOVE 10 pF ONLY F = ± 1.0 % G = ± 2.0 % H = ± 3.0 % J = ± 5.0 % K = ± 10.0 % L = ± 15.0 % M = ± 20.0 % N = ± 30.0 % Z = +80 -20 % P = +100 -0 % 3 = J tol. - % 4 = J tol. + % X = Special</p>	<p>G</p> <p>TERMINATION CODE G=Gold Plating 1=Single lead 2=Double lead 3=Radial ribbon 4=Thru lead 5=Vertical lead 9=Standard X=Unterminated N=Thin Film NI-AU T= Thin Film AU</p> <p>MARKING CODES: 2=STD. EIA marking 3=Non-Std marking 4=Not marked 5=Laser marked 6=Proposed EIA marking</p>	<p>4</p>	<p>R</p> <p>- = Not special. end of part number A = Conductive baas B = Substrate form- Requires sinulation C = 100/baa D = 200/baa F = 5K/baa H = Hi-Rel K = 10K/baa L = 50/baa M = 1K/baa O = One MFG lot Q = Approved QPL R = Ship on Ring S = Special W = Conductive waffle X = Any sp packaging must included AA</p>	<p>-</p>	<p>A</p> <p>Min. thickness</p> <p>B</p> <p>Max. thickness</p> <p>SIZE CODES Use size codes for dimension 0.005" increments only</p> <p>SIZE CODES: (inches) A= 0.005 B= 0.010 etc.</p>	<p>**</p> <p>AA</p> <p>NON-STANDARD CODE Defines non-standard product marking. leadina. testina. dielectric. cust. code. non-std. thk.. endband & size codes. etc...</p> <p>** - ASTERISK Required (place holders)</p>
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M - U 00454 - 05

M = Non standard product

U = S/L

J = JTI PRODUCT

Eng'g Log r Series

ALL M-U AND M-J PART NUMBERS MUST HAVE ENG'G LOG FILE AND PRODUCT DRAWING