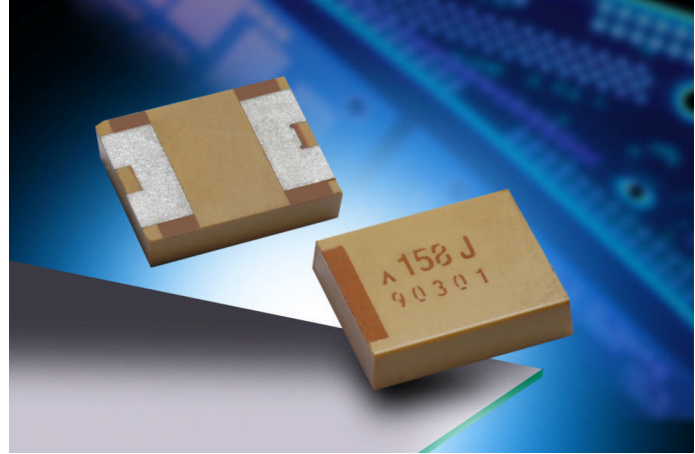


Tantalum Polymer Product - TCN PulseCap™ Series



PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	1500 μ F	
Capacitance Tolerance	M = \pm 20%	
Rated Voltage DC (V_R)	\leq 85°C	6.3 V
Surge Voltage (V_S)	\leq 85°C	8 V
Temperature Range	-55°C to +85°C	
Direct Leakage Current max. @ V_R	900 μ A	
Disipation Factor max. @ 120Hz	20 %	
ESR max. @ 100kHz	0.055 Ohm	
Typical weight (4 case)	355 mg	



LEAD-FREE
LEAD-FREE COMPATIBLE
COMPONENT

Moisture sensitivity level: meets MSL 4

Reflow specification: meets J-STD-020 standard

100% surge current tested

All technical data relates to an ambient temperature of +25°C, Capacitance is measured at 120Hz, 0.5RMS with DC bias of 2.2V. DCL is measured at rated voltage after 5 minutes

ESR allowed to move up to 1.25 times catalogue limit post mounting

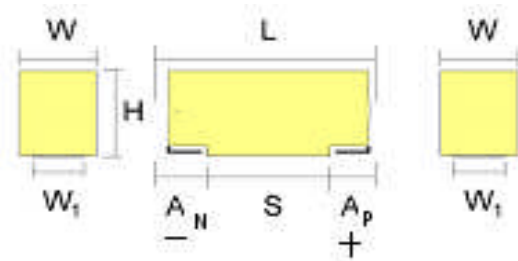
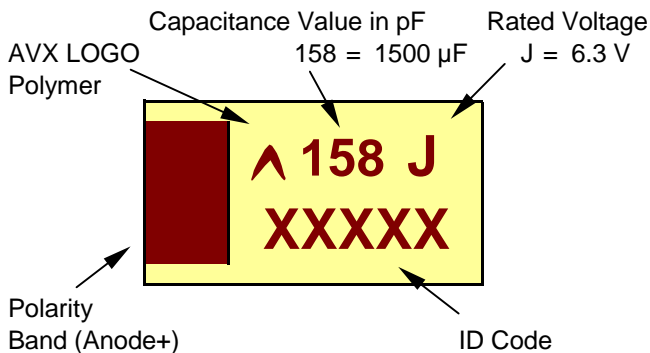
AVX reserves the rights to supply higher voltage rating in the same case size, to the same reliability standards

RMS value of Ripple Current (mA) @100kHz		RMS value of Ripple Voltage (mV) @100kHz	
25°C	85°C	25°C	85°C
1850	1295	102	71

HOW TO ORDER:

TCN	4	158	M	006	#	0055
Type	Case code	Capacitance Value	Cap. Tolerance	Rated DC	Packaging	ESR in mOhms

DRAWING AND DIMENSIONS:



Tantalum Polymer Product - TCN PulseCap™ Series



CASE DIMENSIONS: millimetres

Case		L +0.3 -0.3	W +0.3 -0.3	H max.	AP +0.3 -0.2	W1 ±0.2	AN +0.3 -0.2
EIA	AVX						
7361-20	4	7.3	6.0	2.0	2.0	4.75	3.2

PACKAGING INFORMATION:

Reel Size (#)	R = 7" Reel Pure Tin Termination
Quantity	800
Tape Width	16 mm

AMERICAS

AVX Greenville, SC
Tel: 864-967-2150

AVX Northwest, WA
Tel: 360-699-8746

AVX Midwest, IN
Tel: 317-861-9184

AVX Mid/Pacific, CA
Tel: 408-988-4900

AVX Northeast, MA
Tel: 617-479-0345

AVX Southwest, CA
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AVX Canada
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