

Conductive Polymer Product - TCJ Series

PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	22 μ F	
Capacitance Tolerance	M = \pm 20%	
Rated Voltage DC (V_R)	\leq 105°C	16 V
Category Voltage DC (V_C)	< 125°C	10 V
Surge Voltage (V_S)	\leq 105°C	20 V
	< 125°C	13 V
Temperature Range	-55°C to +125°C	
Direct Leakage Current max. @ V_R	35.2 μ A	
Dissipation Factor max. @ 120Hz	6 %	
ESR max. @ 100kHz	0.15 Ohm	
Typical weight (B case)	72 mg	



Moisture sensitivity level: meets MSL 3

Reflow specification: meets J-STD-020 standard

100% surge current tested

All technical data relates to an ambient temperature of +25°C, Capacitance and DF are 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

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



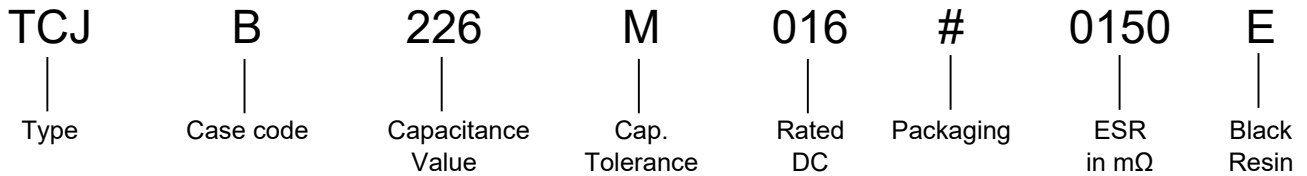
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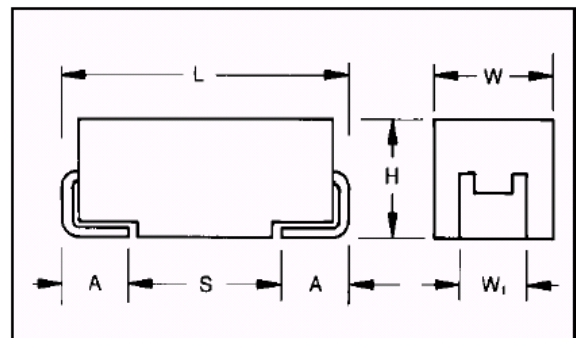
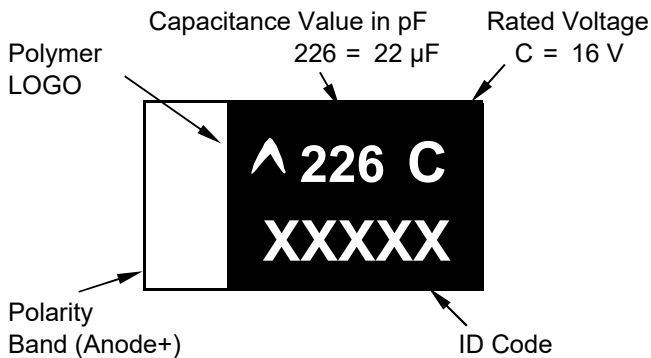
LEAD-FREE
LEAD-FREE COMPATIBLE COMPONENT

RMS value of Ripple Current (mA) @100kHz				RMS value of Ripple Voltage (mV) @100kHz			
45°C	85°C	105°C	125°C	45°C	85°C	105°C	125°C
900	600	400	200	135	90	60	30

HOW TO ORDER:



DRAWING AND DIMENSIONS:



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CASE DIMENSIONS: millimetres

Case		L ±0.2	W +0.2 -0.1	H +0.2 -0.1	A +0.3 -0.2	S min.	W1 ±0.2
EIA	Size						
3528-21	B	3.5	2.8	1.9	0.8	1.4	2.2

PACKAGING INFORMATION:

Reel Size (#)	R = 7" Reel Pure Tin Termination	S = 13" Reel Pure Tin Termination
Quantity	2000	8000
Tape Width	8 mm	8 mm

Issued by: KYOCERA AVX Technical Marketing Team
Tantalum Division
More details at: www.kyocera-avx.com

Version: 10/2021

NORTH AMERICA
Tel: +1 864-967-2150

CENTRAL AMERICA
Tel: +55 11-46881960

EUROPE
Tel: +44 1276-697000

ASIA
Tel: +65 6286-7555

JAPAN
Tel: +81 740-321250

WWW.KYOCERA-AVX.COM



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