

AVX Discharge Capacitors www.BDTIC.com/AVX/



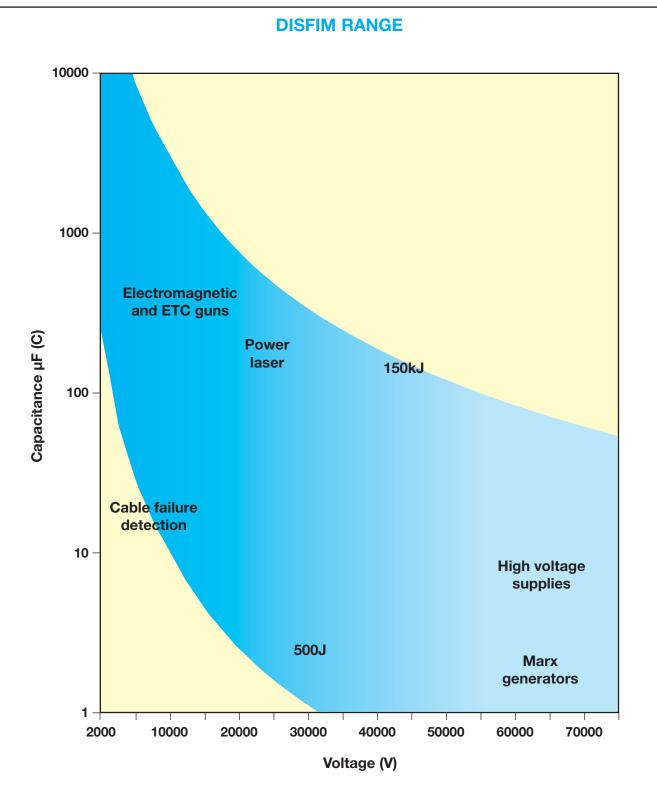


NOTICE: Specifications are subject to change without notice. Contact your nearest AVX Sales Office for the latest specifications. All statements, information and data given herein are believed to be accurate and reliable, but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied. Statements or suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated or that other measures may not be required. Specifications are typical and may not apply to all applications.

© AVX Corporation

www.BDTI@com/AVX/



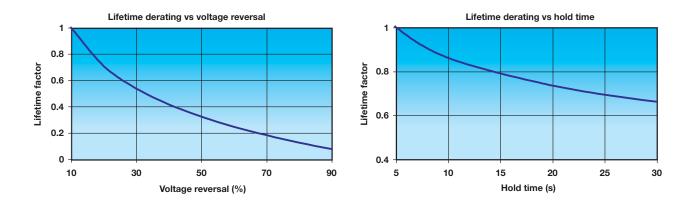


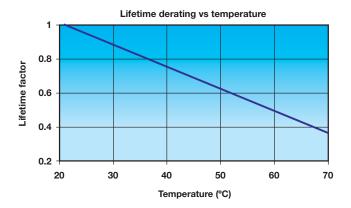
Tolerance on capacitance: ±10%, ±5%, ±2% Stray inductance: 50nH to 500nH

www.BDTKOCom/AVX/



Specific energy vs number of shots * 2200 2000 1800 1600 Specific energy (J/I) 1400 1200 1000 800 600 400 200 (*) on specific applications, we can reach specific energy more than 2000J/I 0 100 1,000 10,000 100,000 1,000,000 10,000,000 10 Number of shots





www.BDTWC.com/AVX/

SPECIFIC ENERGY CALCULATION



This questionnaire lists the information we require to prepare an offer according to your exact requirements.

Name: Function: Company: Telephone: Address: Fax: Englit (mn): Email: Longth (mn): Capacitance/Telerance µF Heigh (mn): Capacitance/Telerance µF Heigh (mn): Capacitance/Telerance µF Heigh (mn): Capacitance/Telerance µF Heigh (mn): S Hold Time S Expected stray inductance: nH Number of terminals: Faulty Capacitance Time S Hold Time S Peak current (J) Time to 1 peak (µS) Time to 1 peak Quistance Implified upside down Oscillatory discharge Peakerse Peakerse Peakerse Waveforms (U/I) Single shots Single shots Implues rep. Rate Single shots Implues rep. Rate Single shots Siongle temperature from	Name:	Function				
Address:						
Expected dimensions:						
Expected dimensions: Capacitance/Tolerance µF % Width (mm): Length (mm): Capacitance Time s Height (mm): S Capacitance Time s Number of terminals: Peak current Au	Address					
Expected dimensions: Charging Voltage V Length (mm): Charging Voltage V Height (mm): Capacitance Time s nH Image: the second sec		Email:				
Width (mm): Length (mm): Charging Voltage V Length (mm): Capacitance Time s Heidt Time s Expected stray inductance: nH Normal Conditions Faulty Conditions Number of terminals: Peak current (A) Capacitor operating position: upright horizontal tilted upside down Peak current (A) Sector operating position: upright horizontal tilted upside down Oscillatory discharge Peake (ups) Environment: (moisture, vibrations) Oscillatory discharge Pereversal voltage (Ps) Waveforms (U/I) Environment: (moisture, vibrations) Burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulse	Expected dimensional	Capacitance/Tolerance		μF	%	
Largth (mm): Capacitance Time s Height (mm): Approximation of the second s						
Hold Time s Expected stray inductance: nH nH mH Number of terminals:	Length (mm):			V		
Expected stray inductance: nH Number of terminals: Expected lifetime Capacitor operating position: or upright horizontal tilted upside down Aperiodic discharge Environment: (mosture, vibrations) Waveforms (U/I) Oscillatory discharge Image: Single shots Single shots Shots Single shots Shots Single shots Shots Shots Shots Single shots Shots Shots Durst rep. Rate Durst Operating temperature from	Height (mm):	Capacitance Time		S		
nH Conditions Conditions Number of terminals: Expected lifetime hours image: shots Capacitor operating position: Peak current (A) image: shots upright horizontal tilted upside down Oscillatory discharge Pulse duration (5% 1 peak) (µs) image: shots Waveforms (U/I) Repetition Rate Single shots impulse rep. Rate impulse rep. Rate impulse rep. Rate Unstyle Impulse rep. Rate (burst/s min hour) impulse rep. Rate impulse rep. Rate impulse rep. Rate Operating temperature from to impulse rep. Rate impulse rep. rep. rep. rep. rep. rep. rep. rep		Hold Time		S		
nH Conditions Conditions Number of terminals: Expected lifetime hours image: shots Capacitor operating position: Peak current (A) image: shots upright horizontal tilted upside down Oscillatory discharge Pulse duration (5% 1 peak) (µs) image: shots Waveforms (U/I) Repetition Rate Single shots impulse rep. Rate impulse rep. Rate impulse rep. Rate Unstyle Impulse rep. Rate (burst/s min hour) impulse rep. Rate impulse rep. Rate impulse rep. Rate Operating temperature from to impulse rep. Rate impulse rep. rep. rep. rep. rep. rep. rep. rep						
Number of terminals: Expected lifetime hours Capacitor operating position: Peak current (A) upright horizontal tilted upside down Aperiodic discharge Environment: Pulse duration (5% I peak) (µs) (moisture, vibrations) Beretition Rate Single shots Single shots (<i>buttle discharge between discussion </i>						
Number of terminals: or shots	nH			Conditions	Conditions	
Number of terminals: Peak current (A) Capacitor operating position: Peak current (A) upright horizontal tilted upside down Aperiodic discharge Environment: (moisture, vibrations) Waveforms (U/I) Repetition Rate Single shots (shot/min (shot/min hour Must rep. Rate [moulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulse rep. Rate [burst rep. Rate Burst rep. Rate [burst rep. Rate Impulse rep. Rate [burst rep. Rate Coperating temperature from to °C Cooling conditions Natural convection Force air m/s						
Capacitor operating position: Peak current (A) upright horizontal tilted upside down Aperiodic discharge Environment: (moisture, vibrations) Waveforms (U/I) Burst Impulse rep. Rate (Hz) Burst Impulse rep. Rate (burst): Operating temperature (operating temperature from to	Number of terminals:		511015			
Capacitor operating position: Pulse duration (5% peak) (µs) upright horizontal tilted upside down Environment: Oscillatory discharge (moisture, vibrations) Waveforms (U/I) Image: the transmission of the transmi		Peak current	(A)	1		
Capacitor operating position: Pulse duration (5% 1 peak) (µs) upright horizontal tilted upside down Pulse duration (5% 1 peak) (µs) Environment: (moisture, vibrations) Waveforms (U/I) Repetition Rate Single shots (shot/min hour day) Burst Impulse per burst Impulse per burst Impulse per burst Impulse per burst Impulse per burst Impulse rep. Rate (/Hz) Operating temperature fromto				•		
upright horizontal tilted upside down Image: Time to 1 peak (jus) Environment: (moisture, vibrations) Waveforms (U/I) Repetition Rate Single shots (shot min hour day) Burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses rep. Rate (burst/s min hour) Operating temperature from to						
upright horizontal tilted upside down Environment: (moisture, vibrations) Waveforms (U/I) Impulses per burst Impulses per burst Impulses per burst Impulses per burst Impulses rep. Rate (burst/s min hour) Operating temperature from to °C Storage temperature from to °C Cooling conditions Natural convection Force air m/s	Capacitor operating position:					
Environment: (moisture, vibrations) Waveforms (U/I) Repetition Rate Single shots (hz) Burst Impulses per burst Burst rep. Rate (hz) Operating temperature (rom to oc Operating temperature from to oc Cooling conditions Natural convection Natural convection mois main	upright horizontal tilted upside down	l lime to I peak	(µs)			
Environment: (%)		Oscillatory discharge				
Environment: (moisture, vibrations) Waveforms (U/I) Repetition Rate Single shots (shot/min hour day) Burst Impulses per burst Impulse rep. Rate (Hz) Burst rep. Rate (Hz) Operating temperature from to °C Storage temperature from to °C Cooling conditions Natural convection Force air m/s			(%)	1		
(moisture, vibrations) Waveforms (U/I) Implies shots (shot/min hour day) Burst Implies per burst Implies rep. Rate (burst/s min hour) Operating temperature from to Storage temperature from to Cooling conditions Natural convection Force air m/s	Environment:	÷				
Waveforms (U/I) Single shots Single shots (shot/min hour day) Burst Impulses per burst Impulses per burst Impulses per burst Burst rep. Rate (Hz) Burst rep. Rate (burst/s min hour) Operating temperature from to °C Storage temperature from to °C Cooling conditions Natural convection Force air m/s				•		
Waveforms (U/I) Single shots Single shots (shot/min hour day) Burst Impulses per burst Impulses per burst Impulses per burst Burst rep. Rate (Hz) Burst rep. Rate (burst/s min hour) Operating temperature from to °C Storage temperature from to °C Cooling conditions Natural convection Force air m/s						
Waveforms (U/I) Single shots Single shots (shot/min hour day) Burst Impulses per burst Impulses per burst Impulses per burst Burst rep. Rate (Hz) Burst rep. Rate (burst/s min hour) Operating temperature from to °C Storage temperature from to °C Cooling conditions Natural convection Force air m/s		Repetition Bate				
(shot/min hour day)	Waveforms (U/I)					
Impulses per burst Impulses per burst Impulses per burst Impulses rep. Rate (burst/s min hour) Impulses temperature from to °C Storage temperature from to °C Cooling conditions Natural convection Force air m/s						
International internatinterenational international international inte				•		
International internatinterenational international international inte						
International internatinternational international international inter						
International internatinternational international international inter	┝┿┿┶┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿┿		(1.1.)			
(burst/s min hour) (burst/s min hour) Operating temperature from to °C Storage temperature from to °C Cooling conditions Natural convection Force air m/s			(Hz)			
Operating temperature from to °C Storage temperature from to °C Cooling conditions Natural convection Force air m/s						
Operating temperature from to °C Storage temperature from to °C Cooling conditions Natural convection Force air m/s						
Storage temperature from to °C Cooling conditions Natural convection Force air m/s						
Storage temperature from to °C Cooling conditions Natural convection Force air m/s						
Cooling conditions Natural convection Force air m/s		Operating temperature	from	to	°C	
Cooling conditions Natural convection Force air m/s						
Cooling conditions Natural convection Force air m/s		Storage temperature	from	to	°C	
Natural convection Force air m/s		, , , , , , , , , , , , , , , , , , ,			_	
Natural convection Force air m/s		Cooling conditions				
		Natural convection				
					m/s	
Remarks:		UI				

www.BDTI@com/AVX/

AMERICAS

AVX Myrtle Beach, SC Corporate Offices Tel: 843-448-9411 FAX: 843-448-1943

AVX Northwest, WA Tel: 360-699-8746 FAX: 360-699-8751

AVX North Central, IN Tel: 317-848-7153 FAX: 317-844-9314

AVX Midwest, MN Tel: 952-974-9155 FAX: 952-974-9179

AVX Mid/Pacific, CA Tel: 510-661-4100 FAX: 510-661-4101

AVX Southwest, AZ Tel: 602-678-0384 FAX: 602-678-0385

AVX South Central, TX Tel: 972-669-1223 FAX: 972-669-2090

AVX Southeast, GA Tel: 404-608-8151 FAX: 770-972-0766

AVX Canada Tel: 905-238-3151 FAX: 905-238-0319

AVX South America Tel: ++55-11-2193-7200 FAX: ++55-11-2193-7210

EUROPE

AVX Limited, England European Headquarters Tel: ++44 (0) 1252-770000 FAX: ++44 (0) 1252-770001

AVX/ELCO, England Tel: ++44 (0) 1638-675000 FAX: ++44 (0) 1638-675002

AVX S.A., France Tel: ++33 (1) 69-18-46-00 FAX: ++33 (1) 69-28-73-87

AVX GmbH, Germany Tel: ++49 (0) 8131-9004-0 FAX: ++49 (0) 8131-9004-44

AVX srl, Italy Tel: ++390 (0)2 614-571 FAX: ++390 (0)2 614-2576

AVX Czech Republic Tel: ++420 465-358-111 FAX: ++420 465-323-010

ASIA-PACIFIC

AVX/Kyocera, Singapore Asia-Pacific Headquarters Tel: (65) 6286-7555 FAX: (65) 6488-9880

AVX/Kyocera, Hong Kong Tel: (852) 2-363-3303 FAX: (852) 2-765-8185

AVX/Kyocera, Korea Tel: (82) 2-785-6504 FAX: (82) 2-784-5411

AVX/Kyocera, Taiwan Tel: (886) 2-2698-8778 FAX: (886) 2-2698-8777

AVX/Kyocera, Malaysia Tel: (60) 4-228-1190 FAX: (60) 4-228-1196

> Elco, Japan Tel: 045-943-2906/7 FAX: 045-943-2910

Kyocera, Japan - AVX Tel: (81) 75-604-3426 FAX: (81) 75-604-3425

Kyocera, Japan - KDP Tel: (81) 75-604-3424 FAX: (81) 75-604-3425

AVX/Kyocera, Shanghai, China Tel: 86-21 6341 0300 FAX: 86-21 6341 0330

AVX/Kyocera, Beijing, China Tel: 86-10 8458 3385 Fax: 86-10 8458 3382

ASIA-KED

KED, Hong Kong Tel: (852) 2305 1080 FAX: (852) 2305 1405

KED, Shanghai Tel: (86) 21 6859 9898 FAX: (86) 21 5887 2542

KED, Beijing Tel: (86) 10 5869 4655 FAX: (86) 10 5869 4677

KED, South Korea Tel: (82) 2 783 3288 FAX: (82) 2 783 3207

KED, Taiwan Tel: (886) 2 2950 0268 FAX: (886) 2 2950 0520

KED, Singapore Tel: (65) 6255 3122 FAX: (65) 6255 5092

Contact:

