

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number: B88069X3340S102
Manufacturer: TDK
Package: Bulk
Availability: Please confirm with sales

Product Page:

<https://antrexco.com/product/details/tdk/b88069x3340s102.html>

Request a Quote:

[Submit RFQ for this part](#)



Scan for product page

Contact Information

Email: info@antrexco.com

WhatsApp: +86-186-8066-5326

Website: <https://antrexco.com>

Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

Note:

This PDF includes an ANTREX product reference cover page.

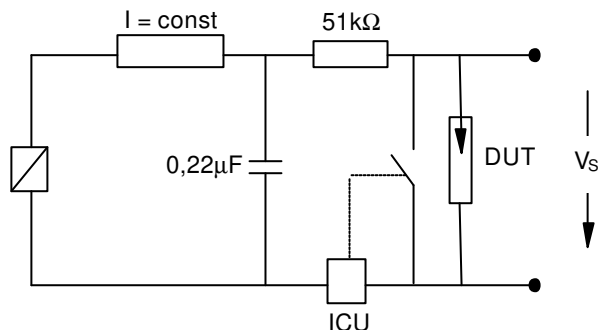
The original manufacturer datasheet follows from the next page.

Nominal breakdown voltage V_N	800	V
Initial values ²⁾		
Static breakdown voltage V_S ¹⁾		
First ignition value $V_{S, FTE}$ after 24 hours in darkness	≤ 950	V
Following ignition values $V_{S, FIV}$	704 ... 896	V
Electrical life time ³⁾		
Breakdown voltage V_B		
First ignition value $V_{B, FTE}$ after 24 hours in darkness	≤ 1000	V
Ignition time t_i at V_0 during life	≤ 60	ms
Following ignition values $V_{B, FIV}$	680 ... 920	V
Switching operations		
at $-40; +150$ °C	40 000	Ignitions
at $+25; +125$ °C	100 000	Ignitions
Test circuit parameters		
Open circuit voltage V_0	1000	V
Loading resistance R	68	k Ω
Discharge capacitance C	100	nF
Inductance L	0.5	μ H
Discharge peak current I_p	~ 400	A
General technical data		
Insulation resistance at 100 V	> 100	M Ω
Early ignition values between 500 ... 680 V	≤ 1	%
Breakdown time	≤ 50	ns
Maximum switching frequency	400	Hz
Maximum loading current	50	mA
Weight	~ 2	g
Marking, blue	EPCOS 800 WWY O 800 - Nominal voltage WW - Calendar week of production Y - Year of production O - Non radioactive	

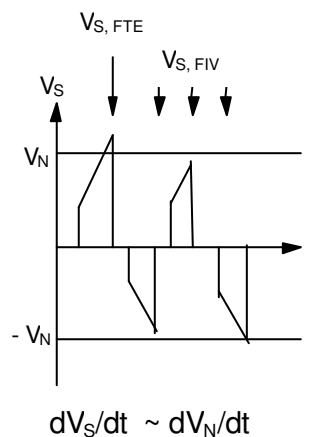
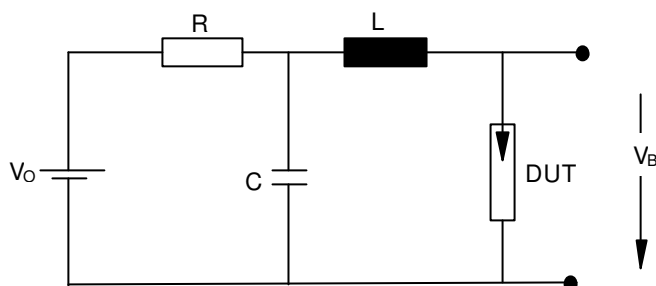
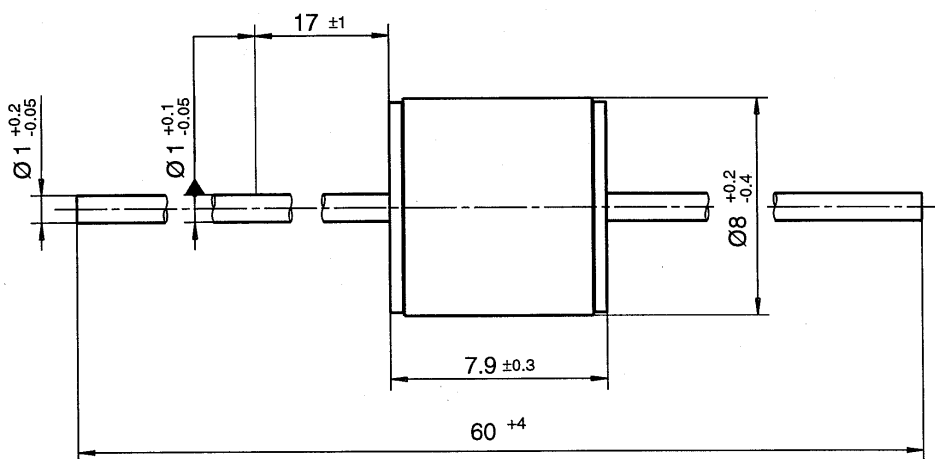
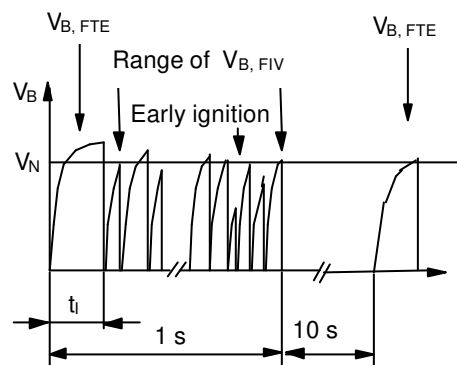
¹⁾ At delivery AQL 0,65 level II, DIN ISO 2859

²⁾ Page 2, Fig. 1 and 2

³⁾ Page 2, Fig. 3 and 4

Fig. 1: QC- test circuit (100% outgoing inspection)


DUT device under test
 ICU ignition control unit (sensitivity 10 .. 30 μA)
 Discharge current 10 – 20 mA

Fig. 2: Explanation of measurands

Fig. 3: QC- test circuit (sampling inspection at 25 °C)

Fig. 4: Explanation of measurands


Not to scale
 Dimensions in mm
 Non controlled document

© EPCOS AG 2002. Reproduction, publication and dissemination of this data sheet, enclosures hereto and the information contained therein without EPCOS' prior express consent is prohibited.

Purchase orders are subject to the General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry recommended by the ZVEI (German Electrical and Electronic Manufacturers' Association), unless otherwise agreed.