



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

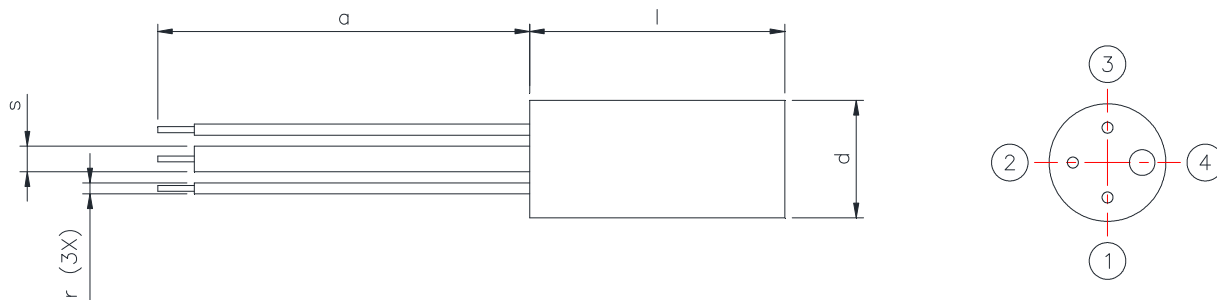
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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



MECHANICAL DATA



Dimensions (mm)

l	:	34.29 ± 1.27
d	:	$\text{Ø}16.0 \pm 0.5$
a	:	88.9 ± 2.54

r	:	$\text{Ø}1.524$ nom.
s	:	$\text{Ø}3.048$ nom.

- Pin 1 Primary (Blue)
- Pin 3 Secondary (Red)


- Pin 2 Primary (Yellow)
- Pin 4 Secondary HV Output (White) {02}

Remarks:

Operating temperature : -30°C to 80°C

{01}

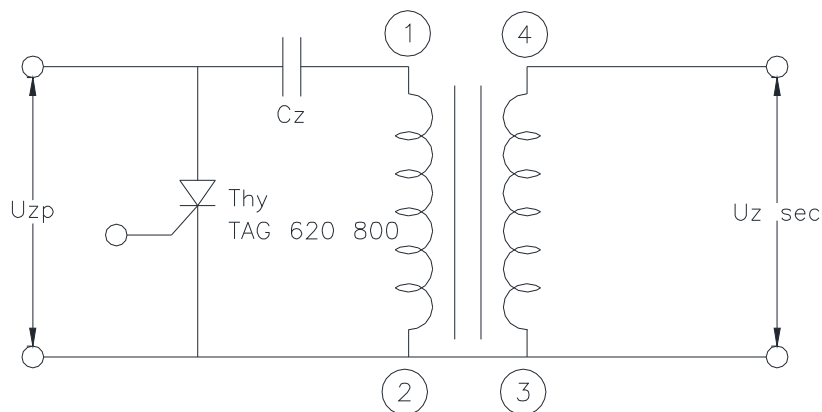
All solder materials are leadfree.
RoHS compliance

REV	CHANGE	DATE	NAME	DESCRIPTION	NAME	DATE	DEPARTMENT
					DRAWN	MICHAEL LI	04.05.2206
					CHECKED	MICHAEL LI	04.05.2206
02	-1/02X1	02.10.13	MAUNG TT	ZS 1031-11(H)	 <p>1 FUSIONOPOLIS WALK, #11-02 SOLARIS SOUTH TOWER SINGAPORE 138628</p>		
01	-1,2&3/01x4	14.08.13	MAUNG TT				
REV	CHANGE	DATE	NAME				

EXCELITAS
TECHNOLOGIES
{01}

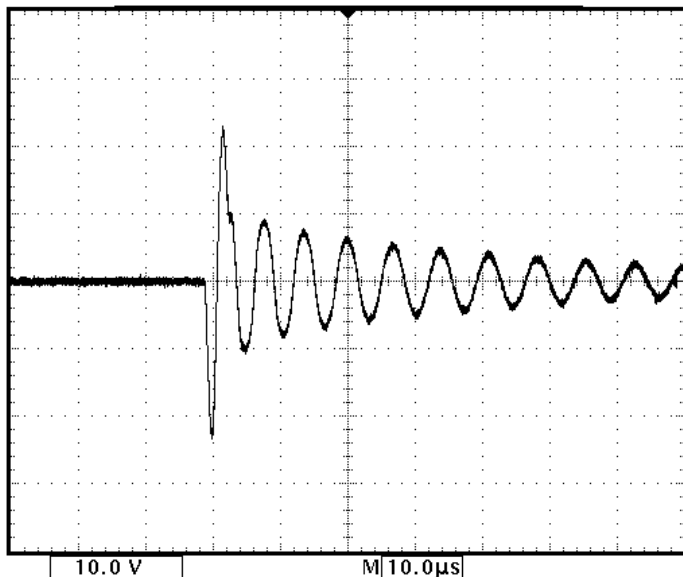
1 FUSIONOPOLIS WALK,
#11-02
SOLARIS SOUTH TOWER
SINGAPORE 138628

OPERATING DATA



Item	Primary	Secondary
Resistance	58 ± 8 mohm	125 ± 15 ohm
Primary Voltage, Uzp	400 V	--
Primary Capacitance, Cz	0.47 µF	--
Secondary Voltage, Uz sec.	--	26 ± 3 kV
Polarity of 1 st peak	--	1 st Peak Negative
Inductance @ 1 kHz	11 ± 3 µH	53 ± 7 mH

Typical Waveform:



Unloaded high voltage output
10 µs/div 10 kV/div

	NAME	DATE	DEPARTMENT	<p>1 FUSIONOPOLIS WALK, #11-02 SOLARIS SOUTH TOWER SINGAPORE 138628</p>
DRAWN	MICHAEL LI	04.05.2206	COE	
CHECKED	MICHAEL LI	04.05.2206	COE	
DESCRIPTION				
ZS 1031-11(H)				PAGE 2 OF 3


ISOLATION VOLTAGE BETWEEN SECONDARY AND PRIMARY

Test Voltage	Position between Wires	Duration	Requirement
2000 V DC	4 & 1	1 min.	No breakdown

Table 1

Notes:

1. 2000 V DC is applied between Wire No. 4 and 1 for 1 minute.
2. All values are minimum values.

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