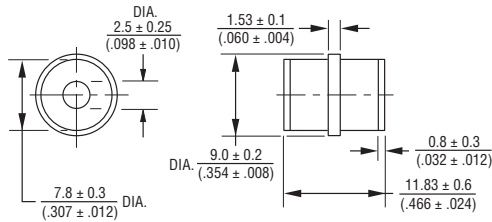


2020 T-Series - Fast Acting 3-Electrode Miniature GDT

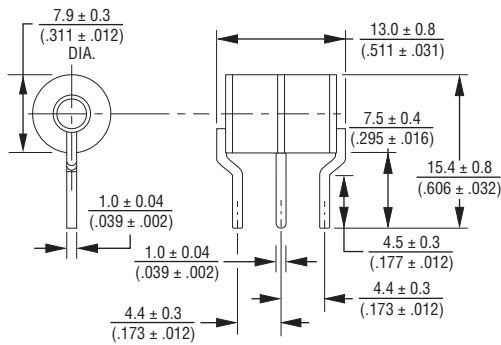
BOURNS®

Product Dimensions (additional lead form configurations available upon request)

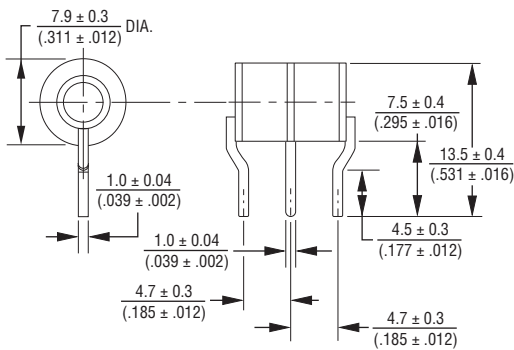
2020-xxT-A1



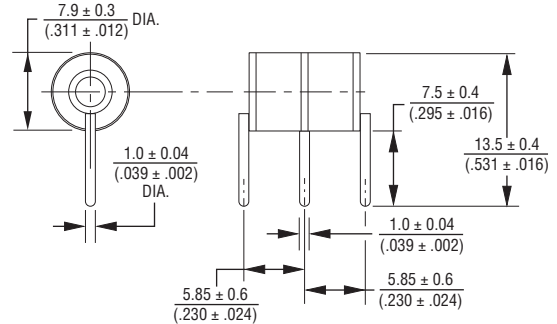
2020-xxT-C2



2020-xxT-C3

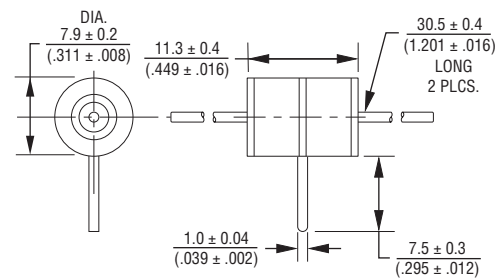


2020-xxT-C4

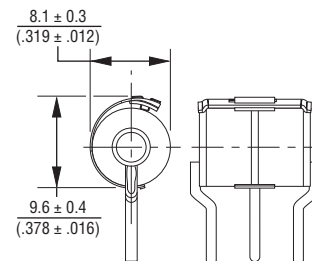


2020-xxT-C

1.0 ± 0.08 mm (.039 ± .003 in.) dia. lead wire



**FAIL-SHORT CONFIGURATION
2020-xxT-C2F SHOWN**



DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$

UNITS WITH LEADS ARE BASED ON THE
2020-xxT-A1 BODY.

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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2020 T-Series - Fast Acting 3-Electrode Miniature GDT

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How to Order

Model Number Designator _____

Voltage (Divided by 10) _____

15 = 150 V
23 = 230 V
42 = 420 V

Leads _____

A = None/Cassette Applications
C = 1 mm Dia. Leads/Through-hole

Lead Shape _____
(See Product Dimension Drawings)

Fail-Short Option _____

Blank = Standard Product
F = With Fail-Short Mechanism

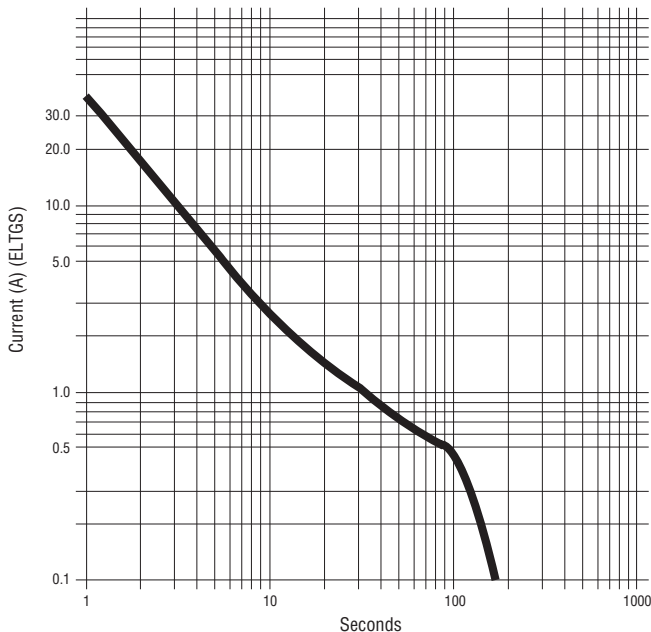
RoHS Compliant Option _____

Blank = Standard Product
LF = RoHS Compliant Product

Model 2020-xxT ships in standard bulk pack, 100 pcs./tray.

2020 - xxT - x x F LF

Switch-Grade Fail-Short Device Shorting Curve



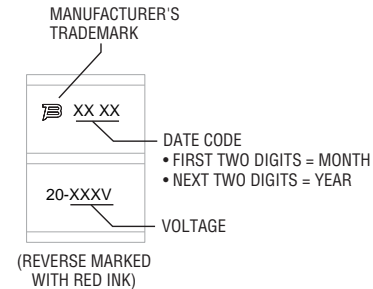
ELTGS = Each Line to Ground Simultaneously

NOTE: When using a GDT fail-short device, it is imperative that all components associated and connected to the GDT with failsafe be tested in their respective completely integrated environment (finished product) to ensure desired operation.

Packaging Specifications

Model	Standard Packaging Quantity		
	Bulk (Bag)	Tray	Box
2020-xxT-A1	250		1000
2020-xxT-C		100	1000
2020-xxT-C2		100	1000
2020-xxT-C3		100	1000
2020-xxT-C4		100	1000

Typical Part Marking



Applications

Port Protection	GDT Device P/N	TBU® Device P/N
CanBus	2020-23T	TBU-CA065-100-WH
RS232	2020-23T	TBU-CA065-200-WH
RS422	2020-23T	TBU-CA065-200-WH
RS485	2020-23T	TBU-CA065-200-WH
RS485	2020-42T	TBU-CA065-200-WH
SDI	2020-23T	TBU-CA065-100-WH
VDSL	2020-15T	TBU-CA065-500-WH

REV. K 09/19

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