

Varistor Product Specification

DS120 Rev 1

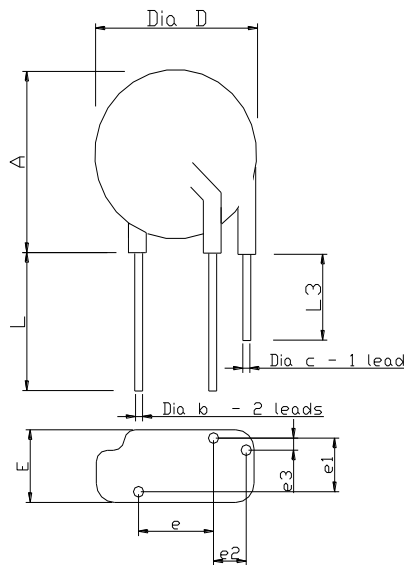
TMOV20RP420MX2759 & TMOV20RP460MX2759 & TMOV20RP575MX2759 for Power One

Sheet 1 of 2

Custom TMOV Device
 Special Monitor Lead Length **L3 = 12mm Min.**
 Lead Free / ROHS Compliant construction.

Absolute Max Ratings :

Per Standard TMOV Datasheet



Outline Dimensions

Model Number	A Max	b Min	b max	c min	c max	D Max	e Min	e Max	e ₁ Min	e ₁ Max	E Max	e ₂ Min	e ₂ Max	e ₃ Max	L min	L3 min
TMOV20RP420MX2759	28.0	0.76	0.86	0.76	0.86	23.0	6.5	8.5	3.0	5.5	11.0	4.0	6.0	2.0	25.4	12.0
TMOV20RP460MX2759	28.0	0.95	1.05	0.76	0.86	23.0	6.5	8.5	0	2.0	11.0	4.0	6.0	2.0	25.4	12.0
TMOV20RP575MX2759	28.0	0.95	1.05	0.76	0.86	23.0	6.5	8.5	0	2.0	12.0	4.0	6.0	2.0	25.4	12.0

Notes-

Dimensions in mm

Device supplied bulk pack

Rev

Date

Comments

0

 19th April 06

New

1

 27th Feb 14

Add the TMOV20RP460MX2759

2

 10th Mar 14

Add the TMOV20RP575MX2759



Expertise Applied | Answers Delivered

Varistor Product Specification

DS120 Rev 1

TMOV20RP420MX2759 & TMOV20RP460MX2759 & TMOV20RP575MX2759 for Power One

Sheet 2 of 2

Device Ratings and Specifications

Model Number	Device Marking	Contin.		Transient			Varistor Voltage		Maximum Clamping Voltage		Capacitance
		Max. V rms AC	Max. V rms AC	Energy 2ms	Peak Current 8x20µs 1 Pulse	Peak Current 8x20µs 2 Pulses	@ 1mA DC Test Current		8x20µs		TYP @ f = 1 MHz
		V _{M (AC)} Volts	V _{M (AC)} Volts	W _{TM} Joules	I _{TM} Amps	I _{TM} Amps	V _{NOM Min} Volts	V _{NOM Max} Volts	V _C Volts	I _{PK} Amps	pF
TMOV20RP420MX2759	P2T420M	420	560	320	10000	6500	612	748	1120	100	600
TMOV20RP460MX2759	P2T460M	460	610	360	10000	6500	675	825	1240	100	400
TMOV20RP575MX2759	P2T575M	575	730	375	10000	6500	856	1047	1568	100	275

Peak Current and De-Rating Curve,
& Pulse Rating Curves,
See Standard Littelfuse Data Sheet for TMOV parts.

Agency Certifications

UL 1449 Approved

Rev	Date	Comments
0	19 th April 06	New
1	27 th Feb 14	Add the TMOV20RP460MX2759
2	10 th Mar 14	Add the TMOV20RP575MX2759