

## Products

## Products


Part: [V420LA20A](#)Series: [LA SERIES - LINE VOLTAGE OPERATION RADIAL LEADED VARISTOR](#)

Technology:: Metal Oxide Varistor

[Product Type Search](#)[Parameter Search](#)[Threat Search](#)[Check Distributor](#)[Inventory](#)[Competitor Part Number](#)[Obsolete Parts](#)[Order Samples](#)[Product News](#)[New Products and](#)[Promotions](#)

## PARAMETERS

Key

PACKAGE TYPE	PKG TYPE	Radial Leaded
MOUNT METHOD	MOUNT	Through Hole
DISC DIAMETER	SIZE	14
RATED AC VOLTAGE	$V_{MAC}$ (V)	420
CONTINUOUS DC VOLTAGE	$V_{MDC}$ (V)	560.0
MAXIMUM NON-REPETITIVE SURGE ENERGY	$W_{TM}$	90.00
MAXIMUM NON-REPETITIVE SURGE CURRENT	$I_{TM}$ NON-REPETITIVE (A)	4500
MAXIMUM SURGE CURRENT	$I_{TM}$ (A)	0
MINIMUM VARISTOR VOLTAGE AT 1MA DC TEST CURRENT	$V_{NOM}$ MIN	610.00
NOMINAL VOLTAGE	$V_{NDC}$ (V)	0.00
MAXIMUM VARISTOR VOLTAGE AT 1MA DC TEST CURRENT	$V_{NOM}$ MAX	748.00
CLAMPING VOLTAGE	$V_C$ (V)	1120
PEAK CURRENT	$I_{PK}$ (A)	50.00
TYPICAL CAPACITANCE AT 1MHZ	TYP CAPACITANCE	300
DUTY CYCLE SURGE RATING 3KA (8X20 $\mu$ S) # PULSES	3KA SURGE	0
DUTY CYCLE SURGE RATING 750A (8X20 $\mu$ S) # PULSES	750A SURGE	0
CLAMPING POLARITY	CLAMP POLARITY	Bi-directional
PACKAGE SIZE	PKG SIZE	14mm Radial Leaded
BATTERY/SYSTEM VOLTAGE 12/14	VOLT 12/14	
BATTERY/SYSTEM VOLTAGE 24/28	VOLT 24/28	
BATTERY/SYSTEM VOLTAGE 36/42	VOLT 36/42	
CERTIFICATIONS	CERT	



:  
 EFT (Electrical Fast Transient)  
 AC Mains  
 Lightning Transients  
 AC Mains  
 Telecom - DC Power  
 Other Threats  
 Inductive Switching / Commutative Spikes

CHECK DISTRIBUTOR STOCK [\[CHECK\]](#)REQUEST A SAMPLE [\[ADD TO CART\]](#)

## Series Datasheets



LA Series Data Sheet

LA.pdf (984 K)

Last Updated: September 19, 2005