

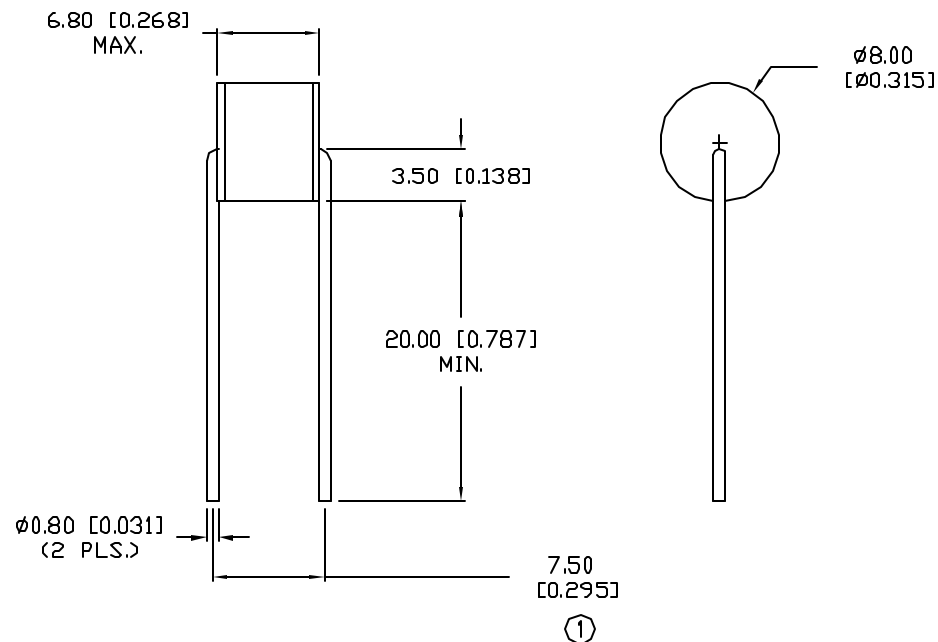
UNCONTROLLED DOCUMENT

PART NUMBER
GT-CM145L-RREV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	12.11.06

ELECTRICAL SPECIFICATIONS

SPECIFICATION PARAMETERS	SPECIFICATION	TEST CONDITIONS
D.C. FIRING VOLTS	145 $\pm 20\%$	$dv/dt < 100V/s$
IMPULSE BREAK DOWN VOLTS	500 MAX.	$dv/dt \ 5KV/\mu s$
IMPULSE CURRENT	10KA MAX.	8/20 μs PULSE
	10KA MAX.	10/50 μs PULSE
D.C. HOLDOVER VOLTAGE	70 MAX.	150ms MAX.
A.C. DISCHARGE CURRENT	5 A	1 SEC. x 10 TIMES
A.C. FOLLOW ON	10 A	1/2 CYCLE, 60Hz
INSULATION RESISTANCE	$1 \times 10^3 M\Omega$ MIN	50 OR 100 VDC
INTER-ELECTRODE CAPACITANCE	1.0 pF MAX	1Khz
IMPULSE SURGE LIFE	1000X MIN	10/1000 μs 100A pk



NOTE:

1. MEASUREMENT TAKEN 1.0mm FROM BODY OF COMPONENT.

RESPONSE TIME

SURGE TYPE	(RT. MAX.)
1Kv/ms	1×10^{-3} MAX
1Kv/ μs	1×10^{-6} MAX
5Kv/ μs	1×10^{-7} MAX



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.=^{+DECIMAL PRECISION}-0.00 MAX.=^{+0.00}-DECIMAL PRECISION

REV. A	PART NUMBER GT-CM145L-R	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES. RELIABILITY NOTE OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.	 290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw	DATE: 12.11.06 PAGE: 1 OF 1 SCALE: N/A
HEAVY DUTY CERAMIC SURGE POTECTOR, 2 LEADED RADIAL.		DRAWN BY: JC	CHECKED BY:	APPROVED BY: