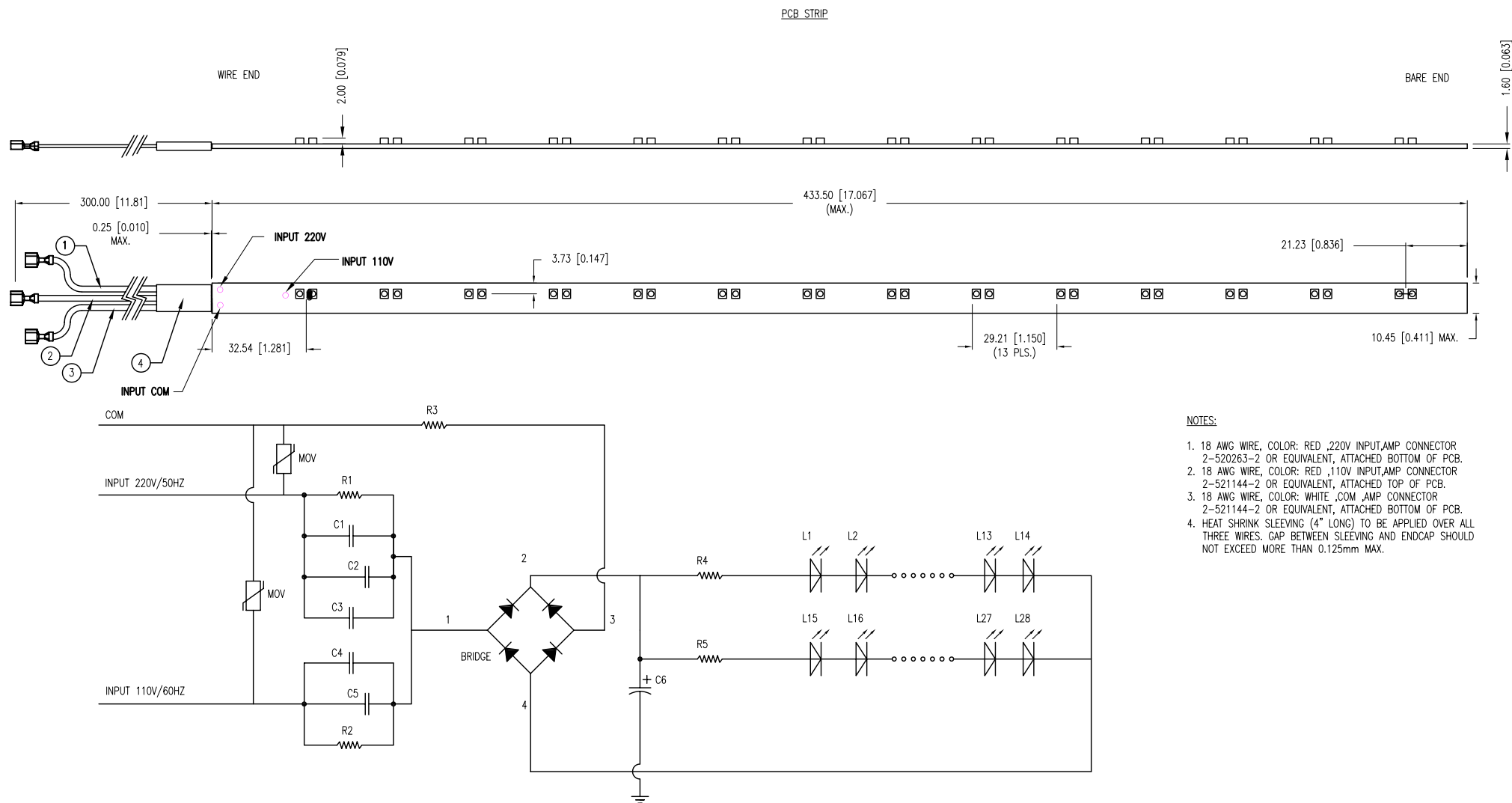


ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C I _f =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	590 (YELLOW)			nm	
	555 (WHITE)			nm	
FORWARD VOLTAGE (Y/W)	2.0/3.5	2.5/3.95		V _f	
REVERSE VOLTAGE (Y/W) 5.0				V _r	I _r =100uA
AXIAL INTENSITY	140/800			mcd	I _f =20mA
EMITTED COLOR:	YELLOW/WHITE				
EPOXY LENS FINISH:	WATER CLEAR LENS				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP			
PARAMETER	MAX	MAX	UNITS
PEAK FORWARD CURRENT*	(Y/W)	160/100	mA
STEADY CURRENT	(Y/W)	30/25	mA
POWER DISSIPATION	(Y/W)	100/110	mW
DERATE FROM 25°C	(Y/W)	-1.2	mW/°C
OPERATING TEMP.		-40 TO +85	°C
STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

* t<10uS

*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



NOTES:

1. 18 AWG WIRE, COLOR: RED, 220V INPUT AMP CONNECTOR 2-520263-2 OR EQUIVALENT, ATTACHED BOTTOM OF PCB.
2. 18 AWG WIRE, COLOR: RED, 110V INPUT AMP CONNECTOR 2-521144-2 OR EQUIVALENT, ATTACHED TOP OF PCB.
3. 18 AWG WIRE, COLOR: WHITE, COM AMP CONNECTOR 2-521144-2 OR EQUIVALENT, ATTACHED BOTTOM OF PCB.
4. HEAT SHRINK SLEEVING (4" LONG) TO BE APPLIED OVER ALL THREE WIRES. GAP BETWEEN SLEEVING AND ENDCAP SHOULD NOT EXCEED MORE THAN 0.125mm 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 MAX.=+0.00 -0.00

UNCONTROLLED DOCUMENT



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

CUSTOM TUBE LED ARRAY, CLEAR, 28 SMD, PCB, MOV, SUPER YELLOW 590nm/WHITE, 110/220 V A.C, W/WIRES

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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.

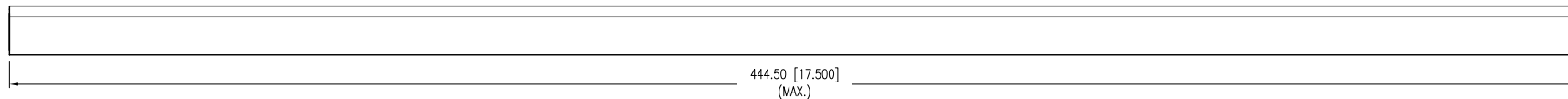
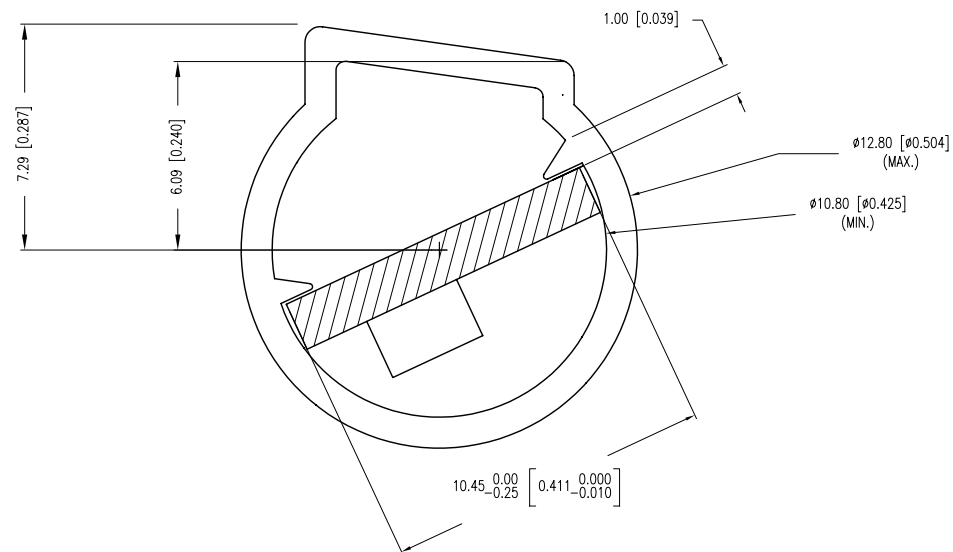
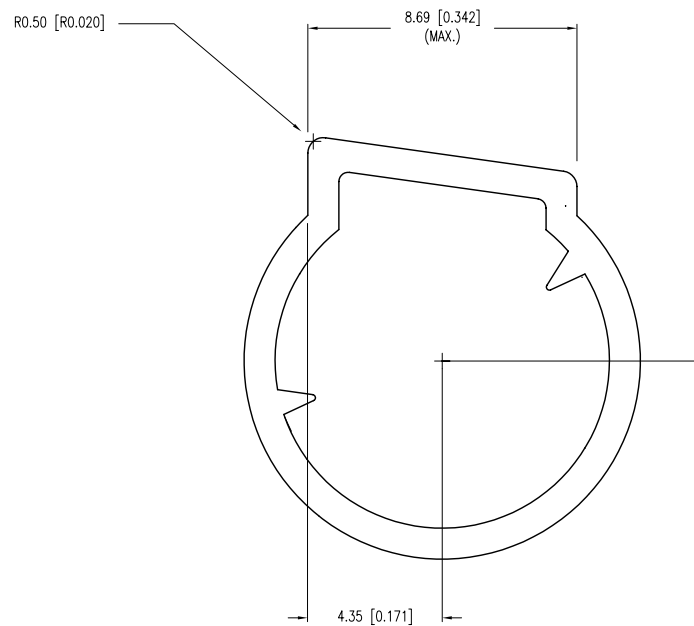
DATE:	08.12.09	DRAWN BY:	JN
PAGE:	2 OF 5	CHKD BY:	YA
SCALE:	N/A	APRVD BY:	JD
UNIT:	mm [INCH]		Ⓟ

PCB STRIP (BARE END) TO BE INSERTED FROM THIS SIDE OF THE TUBE.



CLEAR TUBE:

DETAIL A:

DETAIL A:
TUBE W/O PCBDETAIL A:
TUBE WITH PCB

*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

UNCONTROLLED DOCUMENT



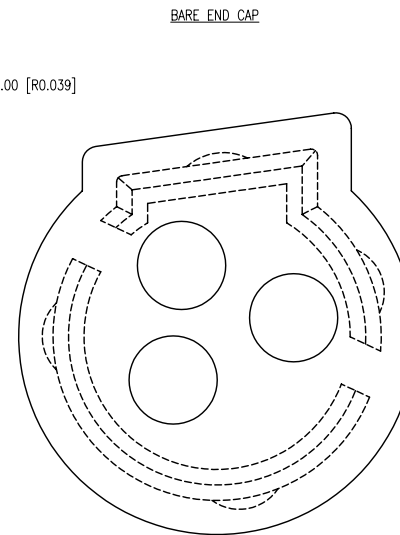
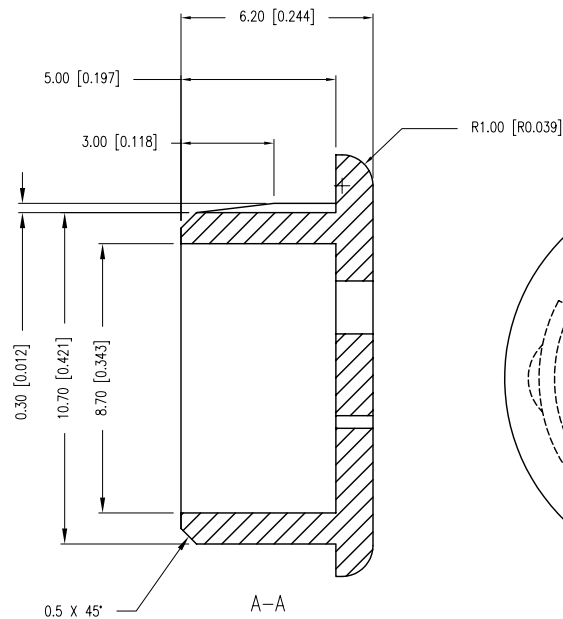
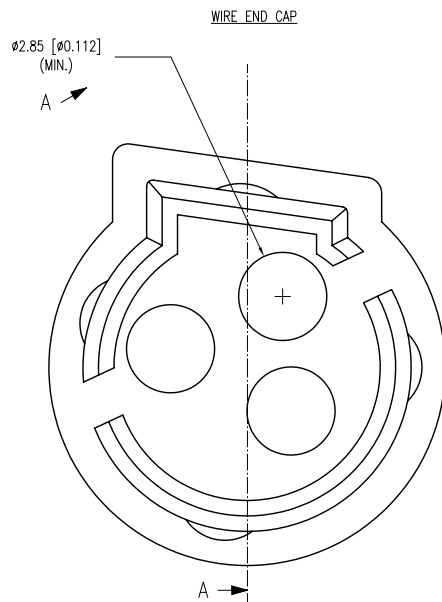
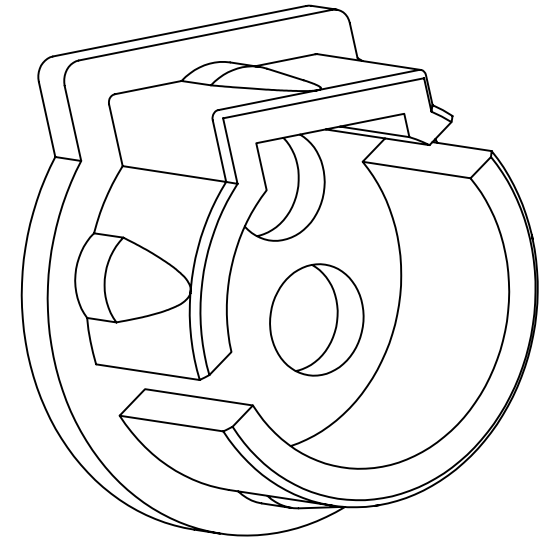
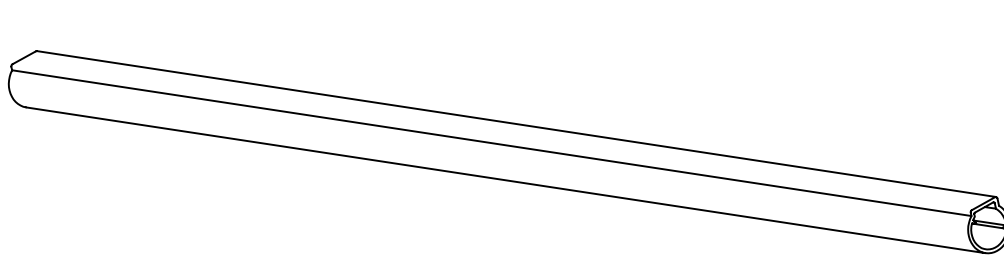
290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

CUSTOM TUBE LED ARRAY, CLEAR, 28 SMD, PCB, MOV, SUPER YELLOW 590nm/WHITE, 110/220 V A.C, W/WIRES

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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.

DATE:	08.12.09	DRAWN BY:	JN
PAGE:	3 OF 5	CHKD BY:	YA
SCALE:	N/A	APRVD BY:	JD
UNIT:	mm [INCH]		(Pc)



*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 MAX.= +0.00 -DECIMAL PRECISION

DATE: 08.12.09	DRAWN BY: JN
PAGE: 4 OF 5	CHKD BY: YA
SCALE: N/A	APRVD BY: JD
UNIT: mm [INCH]	Ⓟ

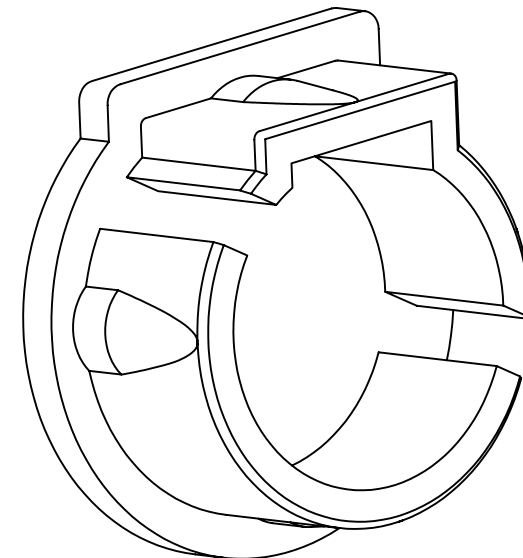
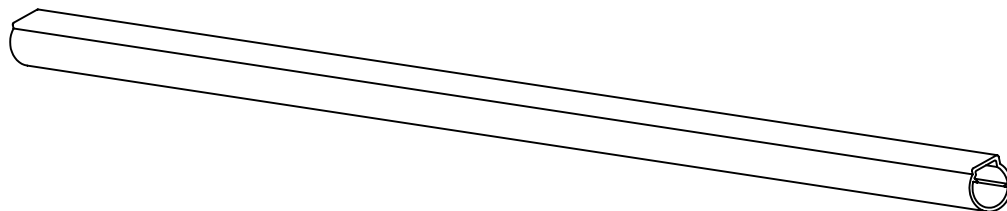


290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

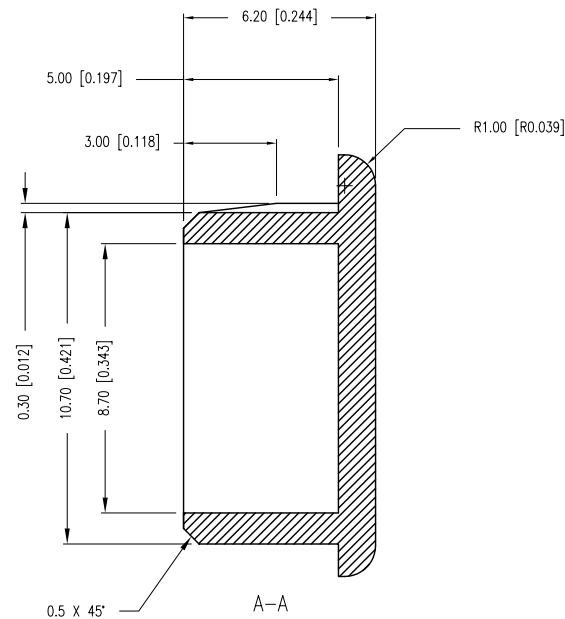
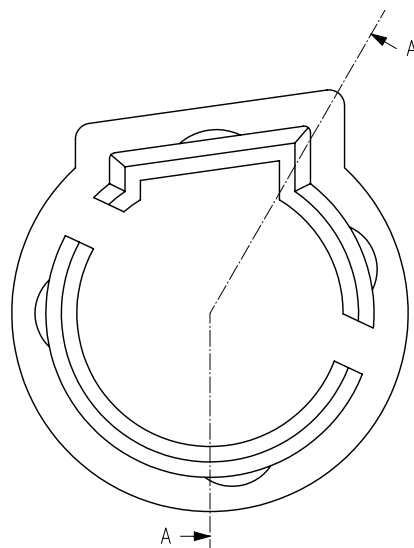
CUSTOM TUBE LED ARRAY, CLEAR, 28 SMD, PCB, MOV, SUPER YELLOW 590nm/WHITE, 110/220 V A.C, W/WIRES

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

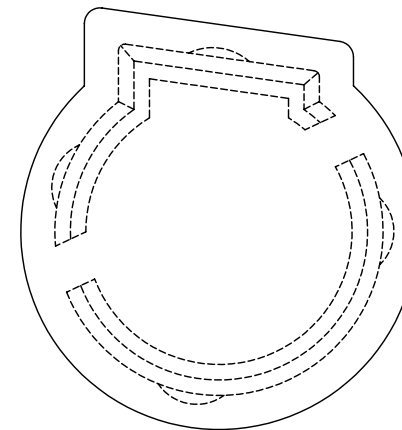
CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.



WIRE END CAP



BARE END CAP



*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 MAX.= +0.00 -0.00 DECIMAL PRECISION UNCONTROLLED DOCUMENT



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

CUSTOM TUBE LED ARRAY, CLEAR, 28 SMD, PCB, MOV, SUPER YELLOW 590nm/WHITE, 110/220 V A.C, W/WIRES

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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.

DATE:	08.12.09	DRAWN BY:	JN
PAGE:	5 OF 5	CHKD BY:	YA
SCALE:	N/A	APRVD BY:	JD
UNIT:	mm [INCH]		(Pc)