

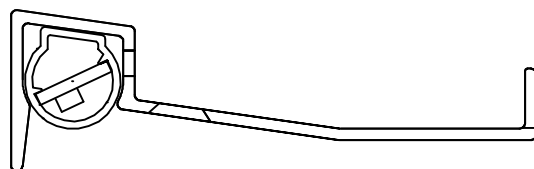
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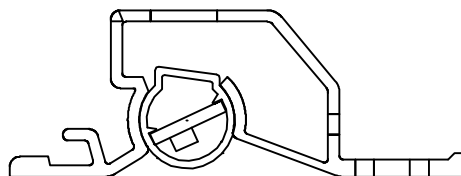
SSA-LX45713YW38292

REV.

TOP ZONE:



BOTTOM ZONE:

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

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	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (Y/W)		140/800		mcd	$I_f=20\text{mA}$
EMITTED COLOR:	YELLOW/WHITE				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	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/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.		+260	$^{\circ}\text{C}$
2.0mm FROM BODY			3 SEC. MAX

* $t < 10\mu\text{s}$ 

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PART NUMBER

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

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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.

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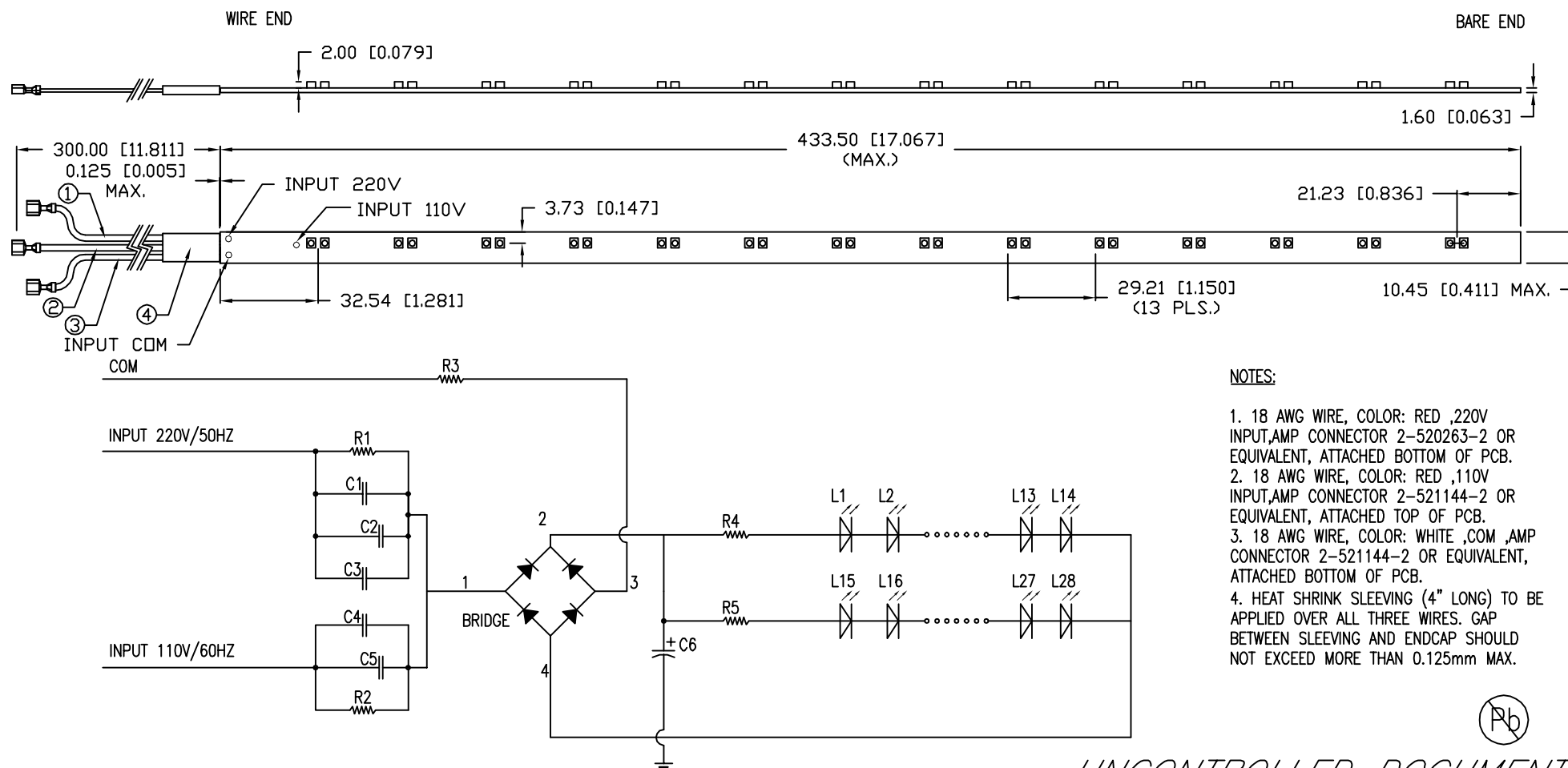
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DATE: 7.04.07

PAGE: 1 OF 5

SCALE: N/A

PCB STRIP



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.



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



CLEAR TUBE:

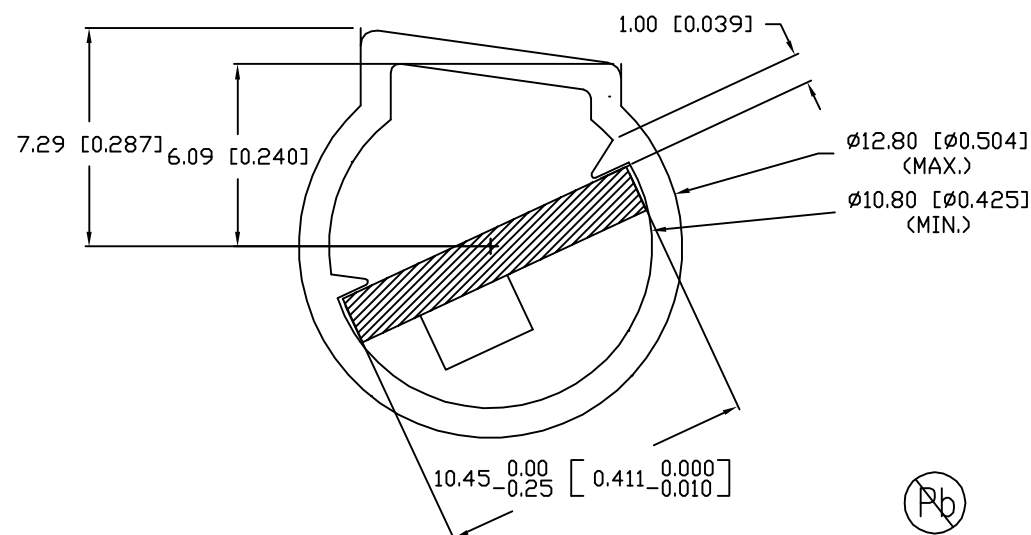
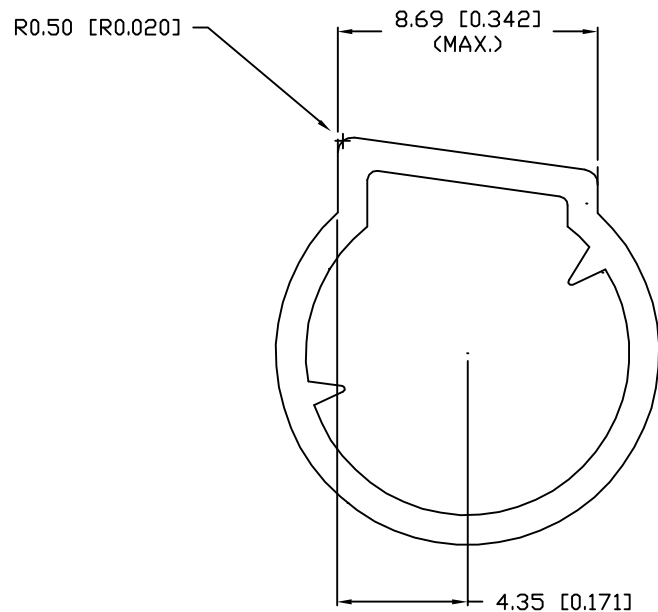
DETAIL A:



444.50 [17.500]
(MAX.)

DETAIL A:
TUBE W/O PCB

DETAIL A:
TUBE WITH PCB



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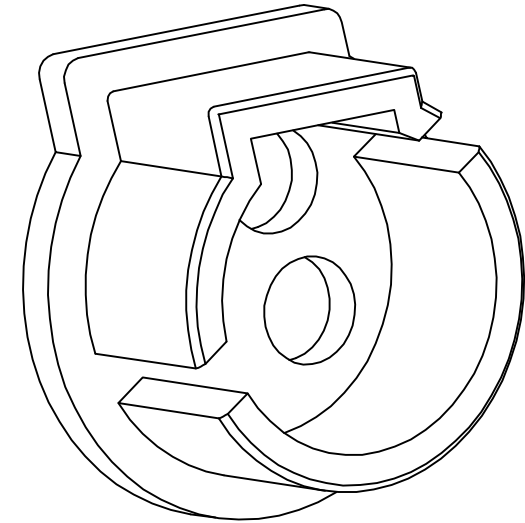
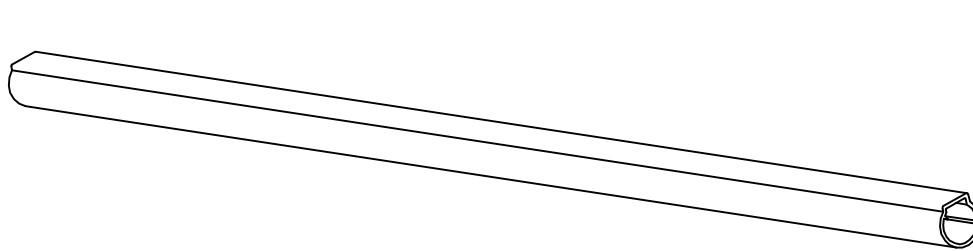
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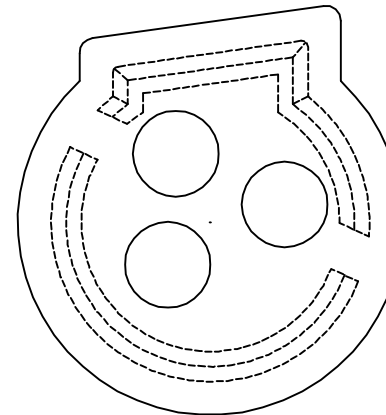
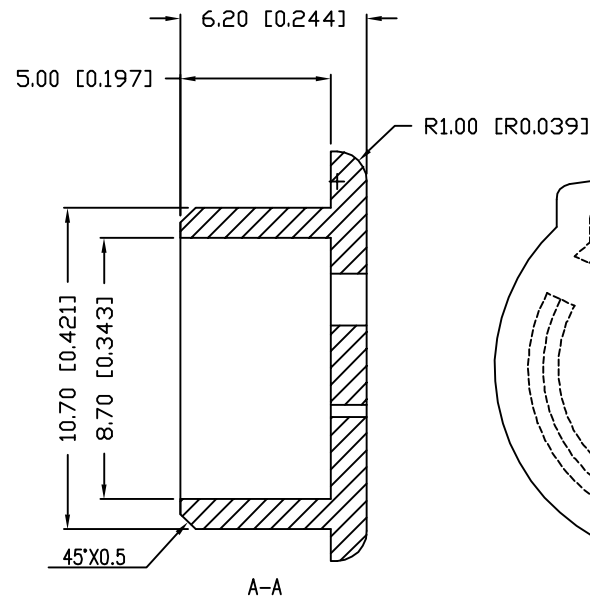
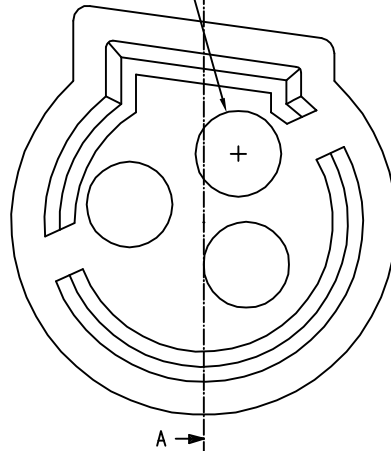
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Ø2.85 [Ø0.112]
(MIN.)

A



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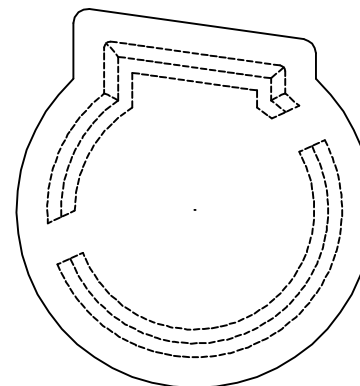
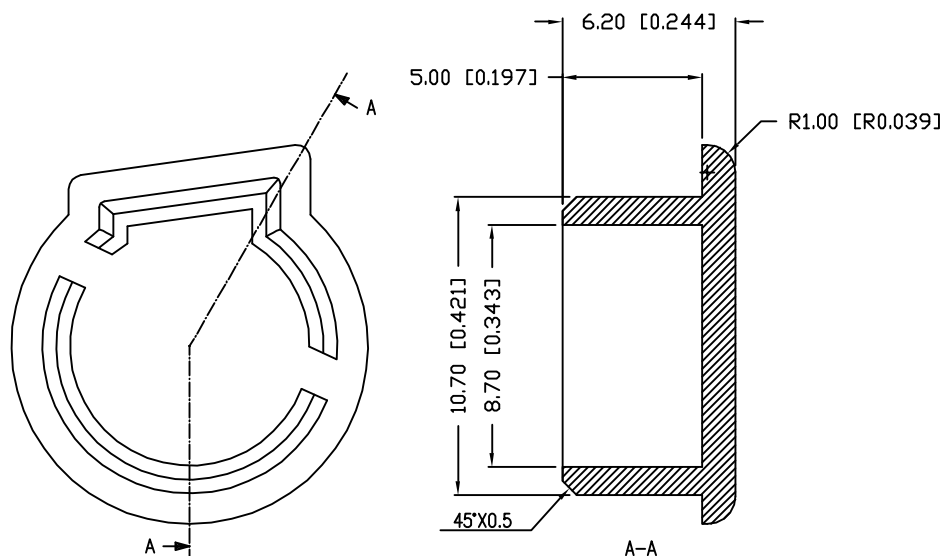
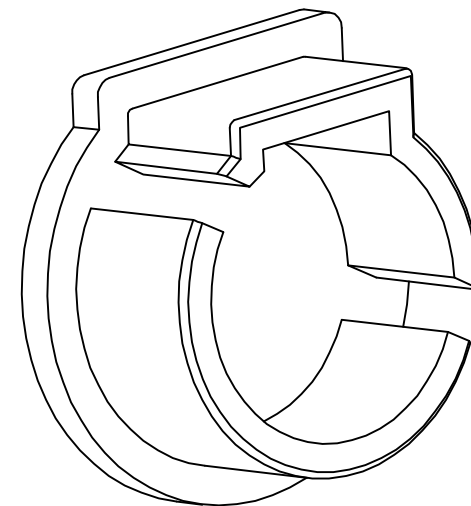
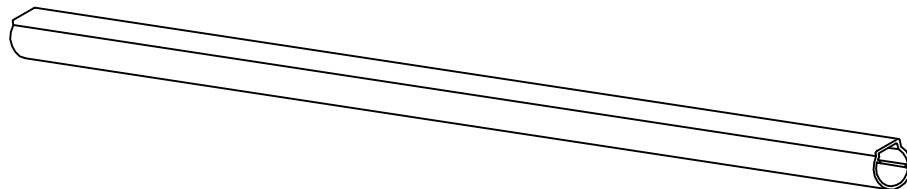
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