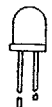
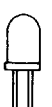


LED Lamps

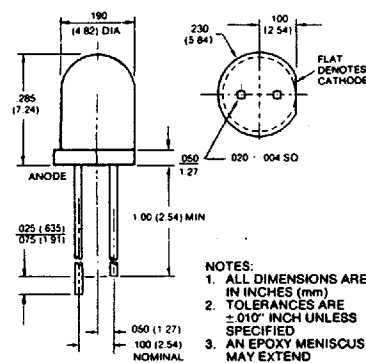
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PKG OUTLINE	DEVICE NO.	SOURCE COLOR	LENS DESIGN	TYPICAL INTENSITY (MCD)	FORWARD VOLTAGE (TYP)	VIEW ANGLE (TYP)	PKG.KEY SEE PG.NO.
	FLV110	Std. Red	Red Diffused	2.0@20mA	1.8	35°	5-1
	FLV111		Water Clear	2.0@20mA	1.8		
	FLV112		Milky Diff.	2.0@20mA	1.8		
	FLV310	High Eff.Green	Green Diff.	3.2@20mA	2.15		
	FLV410	Yellow	Yellow Diff.	3.2@20mA	2.2		
	FLV510	High Eff.Red	Red Diffused	10 @20mA	2.1		
	MV5050	Std.Red	Water Clear	2.0@20mA	1.8	50°	5-2
	MV5051		Milky Diff.	1.6@20mA	1.8	70°	
	MV5052		Red Clear	2.0@20mA	1.8	70°	
	MV5053		Red Diff.	1.6@20mA	1.8	80°	
	MV5054-1		Half Diff.	2.0@10mA	1.8	40°	
	MV5054-2		Half Diff.	3.0@10mA	1.8		
	MV5054-3		Half Diff.	4.0@10mA	1.8		
	MV5055		Red. Diff.	0.6@20mA	1.8	130°	
	MV5056		Red Diff.	0.8@20mA	1.8		
	MV5152	Orange	Amber Clear	20 @20mA	2.1	24°	
	MV5153		Amber Diff.	4.0@20mA	2.1	65°	
	MV5154		Half Diff.	8.0@20mA	2.1	24°	
	MV5252	High Eff. Green	Green Clear	30 @20mA	2.15	24°	
	MV5253		Green Diff.	3.0@20mA	2.15	65°	
	MV5254		Half Diff.	6.0@20mA	2.15	24°	
	MV5352	Yellow	Yellow Clear	20 @20mA	2.2	24°	
	MV5353		Yellow Diff.	6.0@20mA	2.2	65°	
	MV5354		Half Diff.	10 @20mA	2.2	24°	
	MV5752	High Eff. Red	Red Clear	30 @20mA	2.1	24°	
	MV5753		Red Diff.	4.0@20mA	2.1	65°	
	MV5754		Half Diff.	8.0@20mA	2.1	24°	
	HLMP-1700	High Eff. Red	Red Diffused	1.8@ 2mA	1.8	50°	5-3
	HLMP-1300			2.0@10mA	2.1	60°	
	HLMP-1301			2.5@10mA	2.1	60°	
	HLMP-1302			4.0@10mA	2.1	60°	
	TIL209A	Std.Red	Red Diff.	1.0@20mA	1.8	60°	
	TIL212	Yellow	Yellow Diff.	4.0@25mA	2.2		
TIL232	High Eff.Green	Green Diff.	4.0@25mA	2.15			

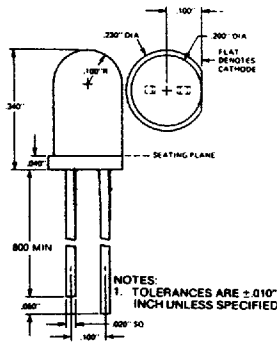
DUAL COLOR LED LAMPS ARE AVAILABLE FOR ALL OF THE
PACKAGE STYLES.

LED Lamp Package Styles

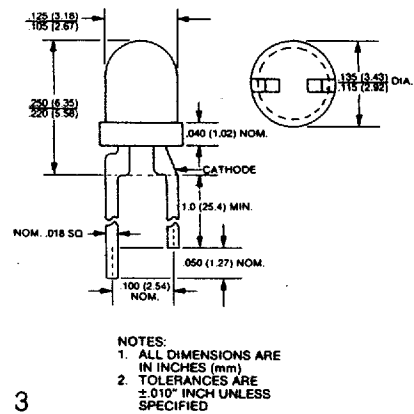
T-91-20



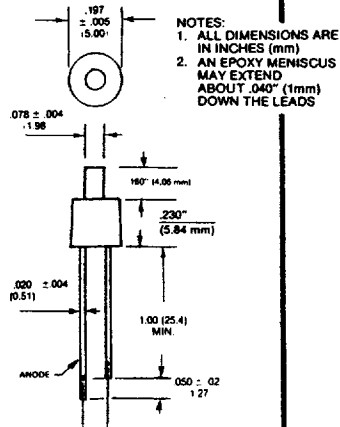
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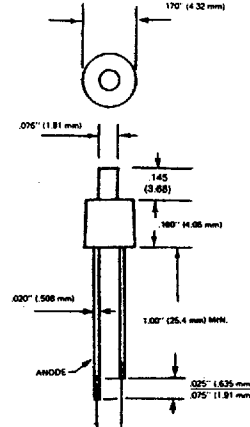
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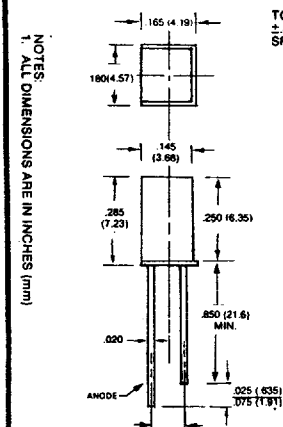
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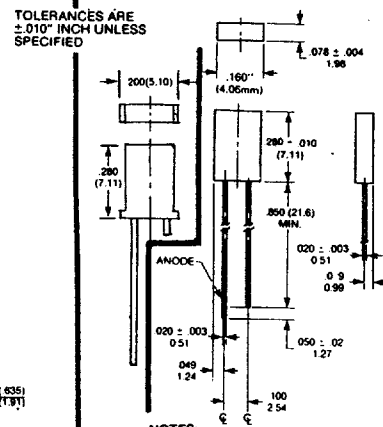
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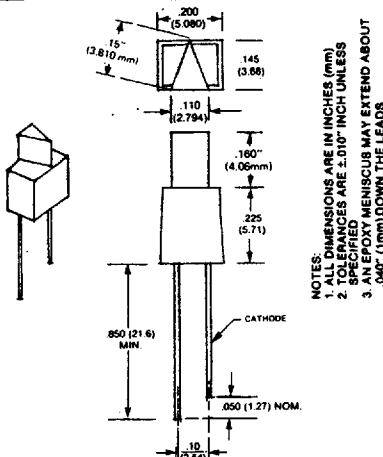
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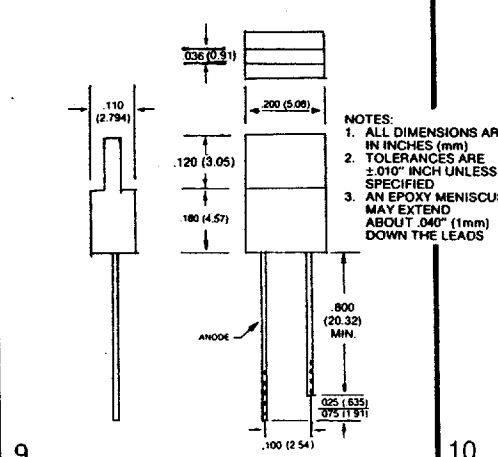
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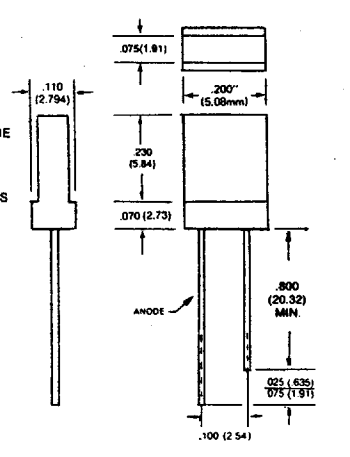
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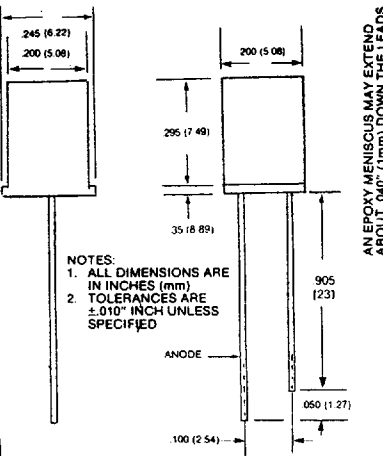
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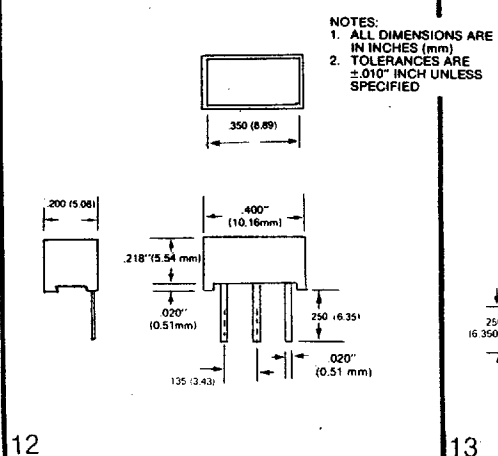
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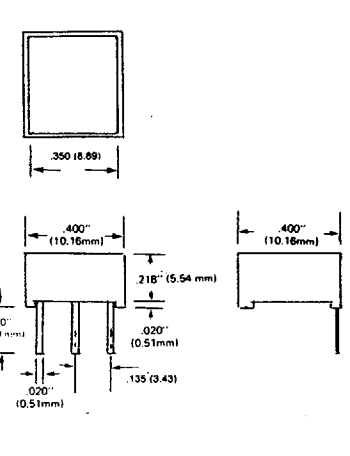
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11



12



13