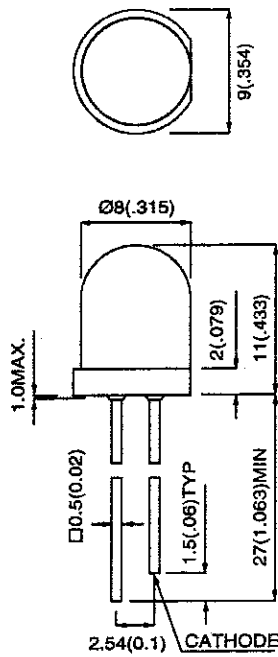
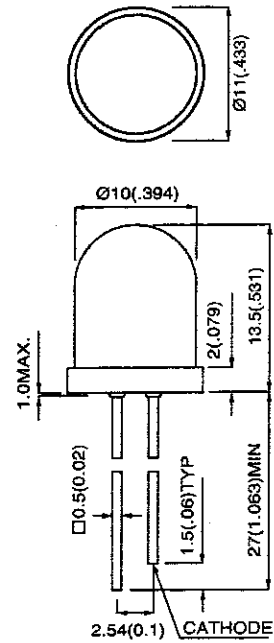


• Figure 14



• Figure 15



Tolerance:  $\pm 0.25$  (0.01)  
Unit: mm (inch)

Type	Part Number	Emitting Color	Emitting Material	Lens color	Wave Length (nm)	Luminous Intensity IF=10mA (mcd)		Figure No.
						Min.	Max.	
8mm/Round	TTL-800R3HD-14	Red	GaAsP/GaP	Red Diffused	625	*20.0	100.0	14
	TTL-800O3HD-14	Orange	GaAsP/GaP	Orange Diffused	590	*20.0	100.0	
	TTL-800G3HD-14	Green	GaP	Green Diffused	565	*20.0	70.0	
	TTL-800Y3HD-14	Yellow	GaAsP/GaP	Yellow Diffused	590	*20.0	70.0	
	TTL-800R3HC-14	Red	GaAsP/GaP	Water Clear	625	*50.0	250.0	
	TTL-800G3HC-14	Green	GaP	Water Clear	565	*50.0	175.0	
	TTL-800Y3HC-14	Yellow	GaAsP/GaP	Water Clear	590	*50.0	175.0	
	TTL-800R3SD-5	Red	GaA/As	Red Diffused	660	650	800	
	TTL-800R3SCA-5	Red	GaA/As	Water Clear	660	500	1000	
	TTL-800R3SCB-5	Red	GaA/As	Water Clear	660	1000	1600	
	TTL-800R3UCA-5	Red	GaA/As	Water Clear	660	1600	2000	
	TTL-800R3UCB-5	Red	GaA/As	Water Clear	660	2000	3000	
10mm/Round	TTL-10R3HD-15	Red	GaAsP/GaP	Red Diffused	625	*20.0	100.0	15
	TTL-10O3HD-15	Orange	GaAsP/GaP	Orange Diffused	590	*20.0	100.0	
	TTL-10G3HD-15	Green	GaP	Green Diffused	565	*20.0	70.0	
	TTL-10Y3HD-15	Yellow	GaAsP/GaP	Yellow Diffused	590	*20.0	70.0	
	TTL-10R3HC-15	Red	GaAsP/GaP	Water Clear	625	*50.0	250.0	
	TTL-10G3HC-15	Green	GaP	Water Clear	565	*50.0	250.0	
	TTL-10Y3HC-15	Yellow	GaAsP/GaP	Water Clear	590	*50	250.0	
	TTL-10R3SD-6	Red	GaA/As	Red Diffused	660	650	800	
	TTL-10R3SCA-6	Red	GaA/As	Water Clear	660	500	1000	
	TTL-10R3SCB-6	Red	GaA/As	Water Clear	660	1000	1600	
	TTL-10R3UCA-6	Red	GaA/As	Water Clear	660	1600	2000	
	TTL-10R3UCB-6	Red	GaA/As	Water Clear	660	2000	3000	