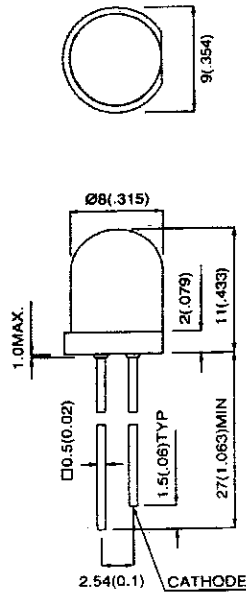
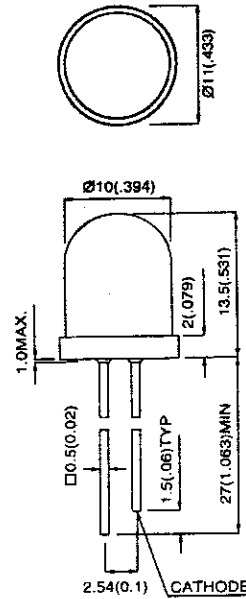


• Figure 37



• Figure 38



Tolerance: ±0.25 (0.01)

Unit: mm (inch)

Type	Part Number	Emitting Color	Emitting Material	Lens-color	Wave Length (nm)	Luminous Intensity		Figure No.
						I _F = 10mA (med)	Min. Max.	
8mm Round	TTL-8R3HDBL-3	Red	GaA/As	Red Diffused	625	100.0	400.0	37
	TTL-8G3HDBL-3	Green	GaP	Green Diffused	565	20.0	70.0	
	TTL-8Y3HDBL-3	Yellow	GaAsP/GaP	Yellow Diffused	590	20.0	70.0	
	TTL-8R3SDBL-3	Red	GaA/As	Red Diffused	660	400	650	
	TTL-8G3SDBL-3	Green	GaP	Green Diffused	568	40.0	70.0	
	TTL-8Y3SDBL-3	Yellow	GaAsP/GaP	Yellow Diffused	595	800	1400	
	TTL-8R3HCBL-3	Red	GaA/As	Water Clear	625	300	500	
	TTL-8G3HCBL-3	Green	GaP	Water Clear	565	50	175	
	TTL-8Y3HCBL-3	Yellow	GaAsP/GaP	Water Clear	590	50	175	
	TTL-8R3SCBL-3	Red	GaA/As	Water Clear	660	500	1000	
	TTL-8G3SCBL-3	Green	GaP	Water Clear	568	100	175	
	TTL-8Y3SCBL-3	Yellow	GaA/As	Water Clear	595	2000	3500	
10mm Round	TTL-10R3HDBL-4	Red	GaA/As	Red Diffused	625	100.0	400.0	38
	TTL-10G3HDBL-4	Green	GaP	Green Diffused	565	20.0	70.0	
	TTL-10Y3HDBL-4	Yellow	GaAsP/GaP	Yellow Diffused	590	20.0	70.0	
	TTL-10R3SDBL-4	Red	GaA/As	Red Diffused	660	650	800	
	TTL-10G3SDBL-4	Green	GaP	Green Diffused	568	70	90	
	TTL-10Y3SDBL-4	Yellow	GaA/As	Yellow Diffused	595	2000	3500	
	TTL-10R3HCBL-4	Red	GaA/As	Water Clear	625	300	500	
	TTL-10G3HCBL-4	Green	GaP	Water Clear	565	50	175	
	TTL-10Y3HCBL-4	Yellow	GaAs/GaP	Water Clear	590	50	175	
	TTL-10R3SCBL-4	Red	GaA/As	Water Clear	660	500	1000	
TTL-10G3SCBL-4	Green	GaP	Water Clear	568	175	400		
TTL-10Y3SCBL-4	Yellow	GaA/As	Water Clear	595	2000	3000		