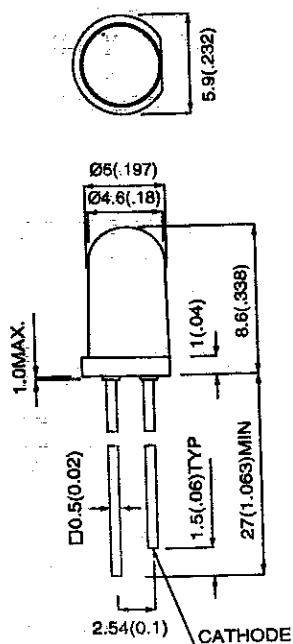
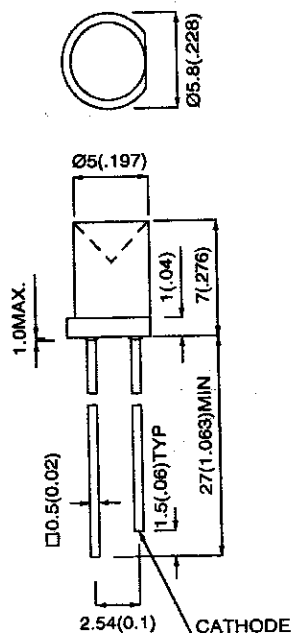


• Figure 12



• Figure 13



Tolerance: ± 0.25 (0.01)

Unit: mm (inch)

Type	Part Number	Emitting Color	Emitting Material	Lens color	Wave Length (nm)	Luminous Intensity (10mA (mcd)) Min Max	Figure No.
mini round	TTL-500R3SD-4	Red	GaA/As	Red Diffused	660	100-500	12
	TTL-500R3SCA-4	Red	GaA/As	Water Clear	660	500-1000	
	TTL-500G3SCB-4	Red	GaA/As	Water Clear	660	1000-2000	
	TTL-500R3UC-4	Red	GaA/As	Water Clear	660	2000-3500	
	TTL-500R3STA-4	Red	GaA/As	Red Transparent	660	500-1000	
	TTL-500R3STB-4	Red	GaA/As	Red Transparent	660	1000-2000	
	TTL-500R3UT-4	Red	GaA/As	Red Transparent	660	2000-3500	
	TTL-500G3SD-4	Green	GaP	Green Diffused	568	40-120	
	TTL-500G3SC-4	Green	GaP	Water Clear	568	100-300	
	TTL-500G3ST-4	Green	GaP	Green Transparent	568	100-200	
	TTL-500Y3SD-4	Yellow	GaA/As	Yellow Diffused	595	800-1400	
	TTL-500Y3SC-4	Yellow	GaA/As	Water Clear	595	2000-3500	
TTL-500Y3ST-4	Yellow	GaA/As	Yellow Transparent	595	2000-3500		
mini cylinder	TTL-500R3HC-18	Red	GaAsP/GaP	Water Clear	625	3.2-12.5	13
	TTL-500R3HT-18	Red	GaAsP/GaP	Red Transparent	625	3.2-12.5	
	TTL-500G3HC-18	Green	GaP	Water Clear	565	2.0-8.0	
	TTL-500G3HT-18	Green	GaP	Green Transparent	565	2.0-8.0	
	TTL-500Y3HC-18	Yellow	GaAsP/GaP	Water Clear	590	2.0-8.0	
	TTL-500Y3HT-18	Yellow	GaAsP/GaP	Yellow Transparent	590	2.0-8.0	