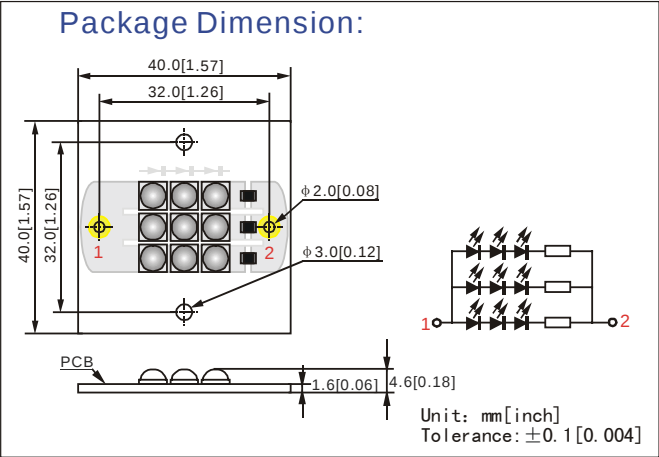
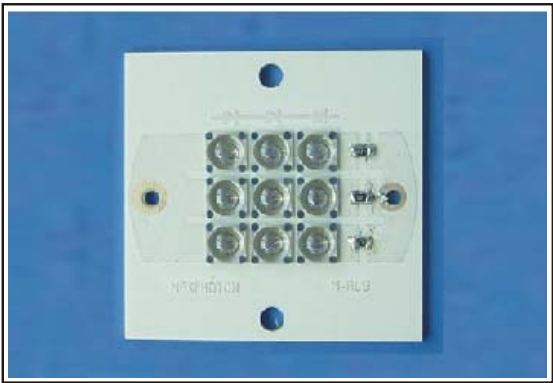
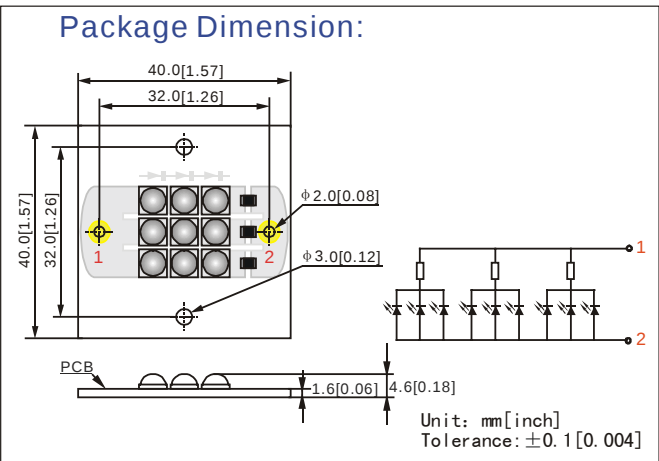
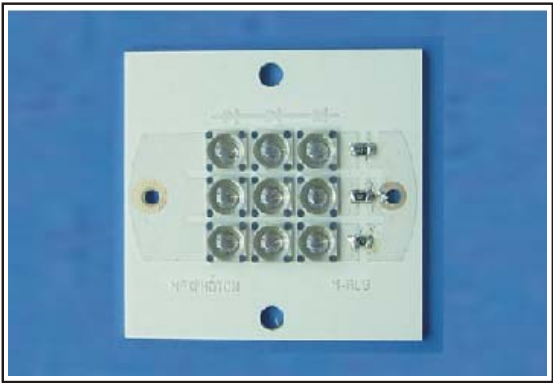


Multi-Chip Array High Power LED



Part Number	Chip Size (mil ²)	Emitting Color	Lens Type	Operating Current I _{DD} (mA)		Dominant Wavelength λ _D (nm)		Luminous Intensity I _V (mcd)		Reverse Current I _R (μ A) AT V _R =15V	Viewing Angle 2 θ 1/2 (°)
				Test Condition:V _{DD} =12V							
				Min.	Max.	Min.	Max.	Min.	Max.		
F40D9-PW-60	14X14	White	Water Clear	60	70	—	—	20000	30000	<20	60
F40D9-PB-60	14X14	Blue	Water Clear	60	70	460	470	10000	20000	<20	60
F40D9-PG-60	14X14	Green	Water Clear	60	70	515	525	20000	30000	<20	60
F40C9-HW-60	24X24	White	Water Clear	450	460	—	—	30000	40000	<100	60
F40C9-HB-60	24X24	Blue	Water Clear	450	460	460	470	20000	30000	<100	60
F40C9-HG-60	24X24	Green	Water Clear	450	460	515	525	30000	40000	<100	60



Part Number	Chip Size (mil ²)	Emitting Color	Lens Type	Operating Current I _{DD} (mA)		Dominant Wavelength λ _D (nm)		Luminous Intensity I _V (mcd)		Reverse Current I _R (μ A) AT V _R =45V	Viewing Angle 2 θ 1/2 (°)		
				Test Condition:V _{DD} =12V									
				Min.	Max.	Min.	Max.	Min.	Max.				
F40D9-PR-60	12X12	Red	Water Clear	180	190	620	640	15000	25000	<30	60		
F40D9-PY-60	12X12	Yellow	Water Clear	180	190	585	595	15000	25000	<30	60		
F40C9-HR-60	24X24	Red	Water Clear	1350	1360	620	640	25000	35000	<150	60		
F40C9-HY-60	24X24	Yellow	Water Clear	1350	1360	585	595	25000	35000	<150	60		