

SMD Chip LEDs



Shape	Part Number	Emitting Color	Emitting Material	Lens-Color	Wave Length (nm)	Luminous Intensity iF=20mA (mcd) Min. Typ.	Viewing Angle	Figure No.
1.6x0.8mm 	ZHR53W	Red	GaP	water clear	700	0.8 - 1.25	120°	1
	ZUR53W	Red	GaAsP/GaP	water clear	625	5 - 12.5	120°	
	ZMR53W-A	Red	GaAlAs	water clear	660	40 - 70	120°	
	ZMG53W	Green	GaP	water clear	565	3.2 - 12.5	120°	
	ZUY53W	Yellow	GaAsP/GaP	water clear	590	3.2 - 8	120°	
	ZMY53W	Yellow	InGaAlP	water clear	595	40 - 60	120°	
1.6x0.8x0.75mm (Super Thin) 	ZHR53W-01	Red	GaP	water clear	700	0.8 - 1.25	120°	2
	ZUR53W-01	Red	GaAsP/GaP	water clear	625	5 - 12.5	120°	
	ZMR53W-01A	Red	GaAlAs	water clear	660	40 - 70	120°	
	ZMG53W-01	Green	GaP	water clear	565	3.2 - 12.5	120°	
	ZUY53W-01	Yellow	GaAsP/GaP	water clear	590	3.2 - 8	120°	
	ZMY53W-01	Yellow	InGaAlP	water clear	595	40 - 60	120°	
2.0x1.2mm 	ZHR54W	Red	GaP	water clear	700	0.8 - 1.25	120°	3
	ZUR54W	Red	GaAsP/GaP	water clear	625	5 - 12.5	120°	
	ZMR54W-A	Red	GaAlAs	water clear	660	40 - 70	120°	
	ZMG54W	Green	GaP	water clear	565	3.2 - 12.5	120°	
	ZUY54W	Yellow	GaAsP/GaP	water clear	590	3.2 - 8	120°	
	ZMY54W	Yellow	InGaAlP	water clear	595	40 - 60	120°	
2.0x1.2x0.75mm (Super Thin) 	ZHR54W-01	Red	GaP	water clear	700	0.8 - 1.25	120°	4
	ZUR54W-01	Red	GaAsP/GaP	water clear	625	5 - 12.5	120°	
	ZMR54W-01A	Red	GaAlAs	water clear	660	40 - 70	120°	
	ZMG54W-01	Green	GaP	water clear	565	3.2 - 12.5	120°	
	ZUY54W-01	Yellow	GaAsP/GaP	water clear	590	3.2 - 8	120°	
	ZMY54W-01	Yellow	InGaAlP	water clear	595	40 - 60	120°	

