

SMD Chip LEDs

Shape	Part Number	Emitting Color	Emitting Material	Lens-Color	Wave Length (nm)	Luminous Intensity 20mA(mcd)		Viewing Angle	Figure No.
						Min.	Typ..		
1.6mmX0.8mm	ZHR53D	Red	GaP	Red Diffused	700	0.8	1.2	120°	1
	ZHR53C	Red	GaP	Red Trans.	700	0.8	1.2	120°	
	ZHR53W	Red	GaP	Water Clear	700	0.8	1.2	120°	
	ZUR53D	Red	GaAsP/GaP	Red Diffused	625	5	12.5	120°	
	ZUR53C	Red	GaAsP/GaP	Red Trans.	625	5	12.5	120°	
	ZUR53W	Red	GaAsP/GaP	Water Clear	625	5	12.5	120°	
	ZMR53D	Red	GaAlAs	Red Diffused	660	40	70	120°	
	ZMR53C	Red	GaAlAs	Red Trans.	660	40	70	120°	
	ZMR53W	Red	GaAlAs	Water Clear	660	40	70	120°	
	ZMG53D	Green	GaP	Green Diffused	565	3.2	12.5	120°	
	ZMG53C	Green	GaP	Green Trans.	565	3.2	12.5	120°	
	ZMG53W	Green	GaP	Water Clear	565	3.2	12.5	120°	
2.0mmX1.2mm	ZHR54D	Red	GaP	Red Diffused	700	0.8	1.2	120°	2
	ZHR54C	Red	GaP	Red Trans.	700	0.8	1.2	120°	
	ZHR54W	Red	GaP	Water Clear	700	0.8	1.2	120°	
	ZUR54D	Red	GaAsP/GaP	Red Diffused	625	5	12.5	120°	
	ZUR54C	Red	GaAsP/GaP	Red Trans.	625	5	12.5	120°	
	ZUR54W	Red	GaAsP/GaP	Water Clear	625	5	12.5	120°	
	ZMR54D	Red	GaAlAs	Red Diffused	660	40	70	120°	
	ZMR54C	Red	GaAlAs	Red Trans.	660	40	70	120°	
	ZMR54W	Red	GaAlAs	Water Clear	660	40	70	120°	
	ZMG54D	Green	GaP	Green Diffused	565	3.2	12.5	120°	
	ZMG54C	Green	GaP	Green Trans.	565	3.2	12.5	120°	
	ZMG54W	Green	GaP	Water Clear	565	3.2	12.5	120°	
3.2mmX1.6mm	ZHR55D	Red	GaP	Red Diffused	700	0.8	1.2	120°	3
	ZHR55C	Red	GaP	Red Trans.	700	0.8	1.2	120°	
	ZHR55W	Red	GaP	Water Clear	700	0.8	1.2	120°	
	ZUR55D	Red	GaAsP/GaP	Red Diffused	625	5	12.5	120°	
	ZUR55C	Red	GaAsP/GaP	Red Trans.	625	5	12.5	120°	
	ZUR55W	Red	GaAsP/GaP	Water Clear	625	5	12.5	120°	
	ZMR55D	Red	GaAlAs	Red Diffused	660	40	70	120°	
	ZMR55C	Red	GaAlAs	Red Trans.	660	40	70	120°	
	ZMR55W	Red	GaAlAs	Water Clear	660	40	70	120°	
	ZMG55D	Green	GaP	Green Diffused	565	3.2	12.5	120°	
	ZMG55C	Green	GaP	Green Trans.	565	3.2	12.5	120°	
	ZMG55W	Green	GaP	Water Clear	565	3.2	12.5	120°	
1	ZUY53D	Yellow	GaAsP/GaP	Yellow Diffused	590	3.2	8	120°	
	ZUY53C	Yellow	GaAsP/GaP	Yellow Trans.	590	3.2	8	120°	
	ZUY53W	Yellow	GaAsP/GaP	Water Clear	590	3.2	8	120°	
2	ZUY54D	Yellow	GaAsP/GaP	Yellow Diffused	590	3.2	8	120°	
	ZUY54C	Yellow	GaAsP/GaP	Yellow Trans.	590	3.2	8	120°	
	ZUY54W	Yellow	GaAsP/GaP	Water Clear	590	3.2	8	120°	
3	ZUY55D	Yellow	GaAsP/GaP	Yellow Diffused	590	3.2	8	120°	
	ZUY55C	Yellow	GaAsP/GaP	Yellow Trans.	590	3.2	8	120°	
	ZUY55W	Yellow	GaAsP/GaP	Water Clear	590	3.2	8	120°	

