

LED LAMP

RECTANGULAR TYPE

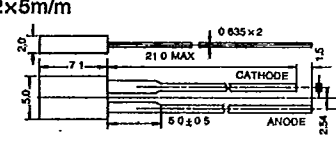
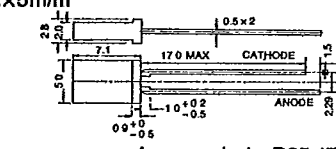
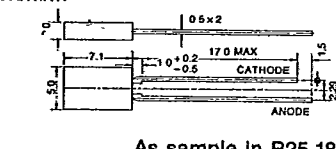
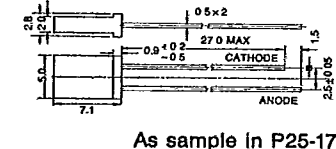
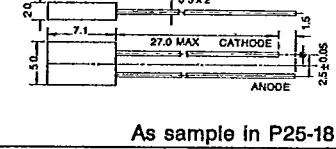
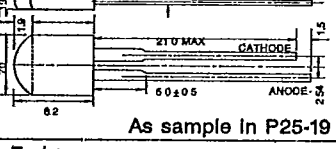
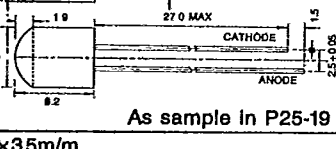
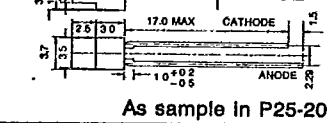


RECTANGULAR TYPE	LENS COLOR				EMITTING COLOR	LUMINOUS INTENSITY IN MCD @10MA			
	Color Diffused (TYP 1)	Color Transparent (TYP 2)	White Diffused (TYP 3)	Water Clear (TYP 4)		TYP			
						1	2	3	4
5x5m/m As sample in P25-13	R1110 R2110 R3110 R3110P R4110 R5110 R7110		R1310 R2310 R3310 R3310P R4310 R5310 R7310		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.6 1.2 1.4 1.2 2.0 1.2 1.6		0.6 1.2 1.4 1.2 2.0 1.2 1.6	
5x5m/m As sample in P25-14	R1110A R2110A R3110A R3110AP R4110A R5110A R7110A		R1310A R2310A R3310A R3310AP R4310A R5310A R7310A		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.3 1.5 1.3 2.1 1.3 1.6		0.7 1.3 1.5 1.3 2.1 1.3 1.6	
5x5m/m As sample in P25-13	R1130 R2130 R3130 R3130P R4130 R5130 R7130		R1330 R2330 R3330 R3330P R4330 R5330 R7330		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.6 2.1 1.6 2.7 1.6 2.4		0.7 1.6 2.1 1.6 2.7 1.6 2.4	
5x5m/m As sample in P25-14	R1130A R2130A R3130A R3130AP R4130A R5130A R7130A		R1330A R2330A R3330A R3330AP R4330A R5330A R7330A		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.6 2.1 1.6 2.7 1.6 2.4		0.7 1.6 2.1 1.6 2.7 1.6 2.4	
2.5x5m/m As sample in P25-15	R1111 R2111 R3111 R3111P R4111 R5111 R7111		R1311 R2311 R3311 R3311P R4311 R5311 R7311		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.8 1.7 2.2 1.7 2.8 1.7 2.5		0.8 1.7 2.2 1.7 2.8 1.7 2.5	
2.5x5m/m As sample in P25-15	R1131 R2131 R3131 R3131P R4131 R5131 R7131		R1331 R2331 R3331 R3331P R4331 R5331 R7331		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	1.0 2.0 2.4 2.0 2.6 2.0 2.4		1.0 2.0 2.4 2.0 2.6 2.0 2.4	
2.5x5m/m As sample in P25-16	R1121b R2121b R3121b R3121bP R4121b R5121b R7121b		R1321b R2321b R3321b R3321bP R4321b R5321b R7321b		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.8 1.7 2.2 1.7 2.8 1.7 2.5		0.8 1.7 2.2 1.7 2.8 1.7 2.5	
2x5m/m As sample in P25-17	R1112 R2112 R3112 R3112P R4112 R5112 R7112		R1312 R2312 R3312 R3312P R4312 R5312 R7312		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.8 1.7 2.2 1.7 2.8 1.7 2.5		0.8 1.7 2.2 1.7 2.8 1.7 2.5	

All Dimensions are in millimeters.
Tolerance is $\pm 0.2\text{mm}$

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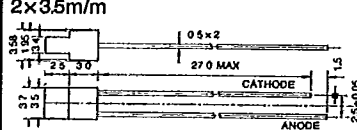
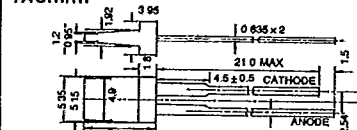
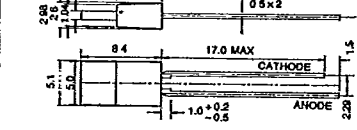
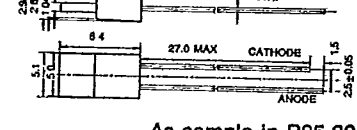
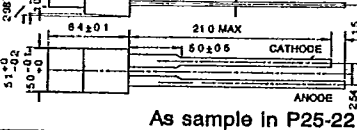
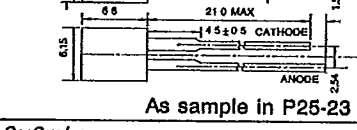
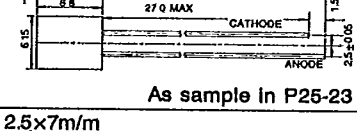
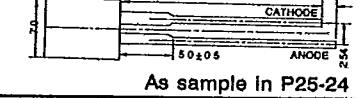
RECTANGULAR TYPE	LENS COLOR				EMITTING COLOR	LUMINOUS INTENSITY IN MCD @10MA			
	Color Diffused (TYP 1)	Color Transparent (TYP 2)	White Diffused (TYP 3)	Water Clear (TYP 4)		TYP			
						1	2	3	4
2x5m/m 	R1112N R2112N R3112N R3112NP R4112N R5112N R7112N		R1312N R2312N R3312N R3312NP R4312N R5312N R7312N		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.8 1.7 2.2 1.7 2.8 1.7 2.5		0.8 1.7 2.2 1.7 2.8 1.7 2.5	
2x5m/m 	R1122 R2122 R3122 R3122P R4122 R5122 R7122		R1322 R2322 R3322 R3322P R4322 R5322 R7322		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.8 1.7 2.2 1.7 2.8 1.7 2.5		0.8 1.7 2.2 1.7 2.8 1.7 2.5	
2x5m/m 	R1122N R2122N R3122N R3122NP R4122N R5122N R7122N		R1322N R2322N R3322N R3322NP R4322N R5322N R7322N		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.8 1.7 2.2 1.7 2.8 1.7 2.5		0.8 1.7 2.2 1.7 2.8 1.7 2.5	
2x5m/m 	R1132 R2132 R3132 R3132P R4132 R5132 R7132		R1332 R2332 R3332 R3332P R4332 R5332 R7332		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	1.2 2.3 2.7 2.3 3.0 2.3 2.8		1.2 2.3 2.7 2.3 3.0 2.3 2.8	
2x5m/m 	R1132N R2132N R3132N R3132NP R4132N R5132N R7132N		R1332N R2332N R3332N R3332NP R4332N R5332N R7332N		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	1.2 2.3 2.7 2.3 3.0 2.3 2.8		1.2 2.3 2.7 2.3 3.0 2.3 2.8	
2x7m/m 	R1113 R2113 R3113 R3113P R4113 R5113 R7113		R1313 R2313 R3313 R3313P R4313 R5313 R7313		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.6 1.2 1.4 1.2 2.0 1.2 1.6		0.6 1.2 1.4 1.2 2.0 1.2 1.6	
2x7m/m 	R1133 R2133 R3133 R3133P R4133 R5133 R7133		R1333 R2333 R3333 R3333P R4333 R5333 R7333		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.6 2.1 1.6 2.7 1.6 2.4		0.7 1.6 2.1 1.6 2.7 1.6 2.4	
2x3.5m/m 	R1124 R2124 R3124 R3124P R4124 R5124 R7124		R1324 R2324 R3324 R3324P R4324 R5324 R7324		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.8 1.7 2.2 1.7 2.8 1.7 2.5		0.8 1.7 2.2 1.7 2.8 1.7 2.5	

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Tolerance is $\pm 0.2\text{mm}$

LED LAMP

RECTANGULAR TYPE



RECTANGULAR TYPE	LENS COLOR				EMITTING COLOR	LUMINOUS INTENSITY IN MCD @10MA			
	Color Diffused (TYP 1)	Color Transparent (TYP 2)	White Diffused (TYP 3)	Water Clear (TYP 4)		TYP			
						1	2	3	4
2x35m/m  As sample in P25-20	R1134 R2134 R3134 R3134P R4134 R5134 R7134		R1334 R2334 R3334 R3334P R4334 R5334 R7334		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	1.2 2.3 2.7 2.3 3.0 2.3 2.8		1.2 2.3 2.7 2.3 3.0 2.3 2.8	
1x5m/m  As sample in P25-21	R1115A R2115A R3115A R3115AP R4115A R5115A R7115A		R1315A R2315A R3315A R3315AP R4315A R5315A R7315A		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.3 1.5 1.3 2.1 1.3 1.6		0.7 1.3 1.5 1.3 2.1 1.3 1.6	
1x5m/m  As sample in P25-22	R1125 R2125 R3125 R3125P R4125 R5125 R7125		R1325 R2325 R3325 R3325P R4325 R5325 R7325		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.3 1.5 1.3 2.1 1.3 1.6		0.7 1.3 1.5 1.3 2.1 1.3 1.6	
1x5m/m  As sample in P25-22	R1135 R2135 R3135 R3135P R4135 R5135 R7135		R1335 R2335 R3335 R3335P R4335 R5335 R7335		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	1.1 2.1 2.5 2.1 2.6 2.1 2.5		1.1 2.1 2.5 2.1 2.6 2.1 2.5	
1x5m/m  As sample in P25-22	R1115 R2115 R3115 R3115P R4115 R5115 R7115		R1315 R2315 R3315 R3315P R4315 R5315 R7315		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.3 1.5 1.3 2.1 1.3 1.6		0.7 1.3 1.5 1.3 2.1 1.3 1.6	
3x6m/m  As sample in P25-23	R1116 R2116 R3116 R3116P R4116 R5116 R7116		R1316 R2316 R3316 R3316P R4316 R5316 R7316		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.6 1.2 1.4 1.2 2.0 1.2 1.6		0.6 1.2 1.4 1.2 2.0 1.2 1.6	
3x6m/m  As sample in P25-23	R1136 R2136 R3136 R3136P R4136 R5136 R7136		R1336 R2336 R3336 R3336P R4336 R5336 R7336		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.6 2.1 1.6 2.7 1.6 2.4		0.7 1.6 2.1 1.6 2.7 1.6 2.4	
2.5x7m/m  As sample in P25-24	R1117 R2117 R3117 R3117P R4117 R5117 R7117		R1317 R2317 R3317 R3317P R4317 R5317 R7317		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.6 1.2 1.4 1.2 2.0 1.2 1.6		0.6 1.2 1.4 1.2 2.0 1.2 1.6	

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Tolerance is $\pm 0.2\text{mm}$.

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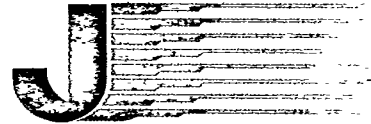


RECTANGULAR TYPE	LENS COLOR				EMITTING COLOR	LUMINOUS INTENSITY IN MCD @10MA			
	Color Diffused (TYP 1)	Color Transparent (TYP 2)	White Diffused (TYP 3)	Water Clear (TYP 4)		TYP			
						1	2	3	4
2.5x7m/m As sample in P25-24	R1137 R2137 R3137 R3137P R4137 R5137 R7137		R1337 R2337 R3337 R3337P R4337 R5337 R7337		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.6 2.1 1.6 2.7 1.6 2.4		0.7 1.6 2.1 1.6 2.7 1.6 2.4	
1.8x5.3m/m As sample in P25-25	R1118 R2118 R3118 R3118P R4118 R5118 R7118		R1318 R2318 R3318 R3318P R4318 R5318 R7318		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.6 1.2 1.4 1.2 2.0 1.2 1.6		0.6 1.2 1.4 1.2 2.0 1.2 1.6	
1.8x5.3m/m As sample in P25-25	R1128 R2128 R3128 R3128P R4128 R5128 R7128		R1328 R2328 R3328 R3328P R4328 R5328 R7328		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.6 1.2 1.4 1.2 2.0 1.2 1.6		0.6 1.2 1.4 1.2 2.0 1.2 1.6	
1.8x5.3m/m As sample in P25-25	R1138 R2138 R3138 R3138P R4138 R5138 R7138		R1338 R2338 R3338 R3338P R4338 R5338 R7338		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	1.1 2.1 2.5 2.1 2.6 2.1 2.5		1.1 2.1 2.5 2.1 2.6 2.1 2.5	
1x4m/m As sample in P25-26	R1119 R2119 R3119 R3119P R4119 R5119 R7119		R1319 R2319 R3319 R3319P R4319 R5319 R7319		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	1.0 2.0 2.4 2.0 2.6 2.0 2.4		1.0 2.0 2.4 2.0 2.6 2.0 2.4	
1x4m/m As sample in P25-26	R1139 R2139 R3139 R3139P R4139 R5139 R7139		R1339 R2339 R3339 R3339P R4339 R5339 R7339		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	1.1 2.1 2.5 2.1 2.6 2.1 2.5		1.1 2.1 2.5 2.1 2.6 2.1 2.5	
2x4m/m As sample in P25-27	R112Z R212Z R312Z R312ZP R412Z R512Z R712Z		R132Z R232Z R332Z R332ZP R432Z R532Z R732Z		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.8 1.7 2.2 1.7 2.8 1.7 2.5		0.8 1.7 2.2 1.7 2.8 1.7 2.5	
2x4m/m As sample in P25-27	R113Z R213Z R313Z R313ZP R413Z R513Z R713Z		R133Z R233Z R333Z R333ZP R433Z R533Z R733Z		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.9 1.8 2.2 1.8 2.5 1.8 2.1		0.9 1.8 2.2 1.8 2.5 1.8 2.1	

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	Color Diffused (TYP 1)	Color Transparent (TYP 2)	White Diffused (TYP 3)	Water Clear (TYP 4)		TYP			
						1	2	3	4
2x3m/m As sample in P25-28	R112Y R212Y R312Y R312YP R412Y R512Y R712Y	R122Y R222Y R322Y R322YP R422Y R522Y R722Y	R132Y R232Y R332Y R332YP R432Y R532Y R732Y	R142Y R242Y R342Y R342YP R442Y R542Y R742Y	Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	1.6 3.0 3.6 3.0 3.8 3.0 3.6	4.0 7.8 9.3 7.8 9.8 7.8 9.7	1.6 3.0 3.6 3.0 3.8 3.0 3.6	4.0 7.8 9.3 7.8 9.8 7.8 9.7
2x3m/m As sample in P25-28	R113Y R213Y R313Y R313YP R413Y R513Y R713Y	R123Y R223Y R323Y R323YP R423Y R523Y R723Y	R133Y R233Y R333Y R333YP R433Y R533Y R733Y	R143Y R243Y R343Y R343YP R443Y R543Y R743Y	Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	1.9 3.6 4.4 3.6 4.6 3.6 4.3	4.5 8.5 10.2 8.5 10.2 8.5 10	1.9 3.6 4.4 3.6 4.6 3.6 4.3	4.5 8.5 10.2 8.5 10.2 8.5 10
2x6m/m As sample in P25-29	R112X R212X R312X R312XP R412X R512X R712X		R132X R232X R332X R332XP R432X R532X R732X		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.3 1.5 1.3 2.1 1.3 1.6		0.7 1.3 1.5 1.3 2.1 1.3 1.6	
2x6m/m As sample in P25-29	R111X R211X R311X R311XP R411X R511X R711X		R131X R231X R331X R331XP R431X R531X R731X		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.3 1.5 1.3 2.1 1.3 1.6		0.7 1.3 1.5 1.3 2.1 1.3 1.6	
1.5x7m/m As sample in P25-30	R111W R211W R311W R311WP R411W R511W R711W		R131W R231W R331W R331WP R431W R531W R731W		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.3 1.5 1.3 2.1 1.3 1.6		0.7 1.3 1.5 1.3 2.1 1.3 1.6	
1.5x7m/m As sample in P25-30	R112W R212W R312W R312WP R412W R512W R712W		R132W R232W R332W R332WP R432W R532W R732W		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.3 1.5 1.3 2.1 1.3 1.6		0.7 1.3 1.5 1.3 2.1 1.3 1.6	
1.5x7m/m As sample in P25-30	R113W R213W R313W R313WP R413W R513W R713W		R133W R233W R333W R333WP R433W R533W R733W		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.6 2.1 1.6 2.7 1.6 2.4		0.7 1.6 2.1 1.6 2.7 1.6 2.4	
3x5m/m As sample in P25-31	R111V R211V R311V R311VP R411V R511V R711V		R131V R231V R331V R331VP R431V R531V R731V		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.6 1.2 1.4 1.2 2.0 1.2 1.6		0.6 1.2 1.4 1.2 2.0 1.2 1.6	

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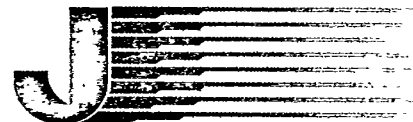


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	Color Diffused (TYP 1)	Color Transparent (TYP 2)	White Diffused (TYP 3)	Water Clear (TYP 4)		TYP			
						1	2	3	4
3x5m/m As sample in P25-31	R112V R212V R312V R312VP R412V R512V R712V		R132V R232V R332V R332VP R432V R532V R732V		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.6 1.2 1.4 1.2 2.0 1.2 1.6		0.6 1.2 1.4 1.2 2.0 1.2 1.6	
3x5m/m As sample in P25-31	R113V R213V R313V R313VP R413V R513V R713V		R133V R233V R333V R333VP R433V R533V R733V		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	1.0 2.0 2.4 2.0 2.6 2.0 2.4		1.0 2.0 2.4 2.0 2.6 2.0 2.4	
1.5x4m/m As sample in P25-32	R112T R212T R312T R312TP R412T R512T R712T		R132T R232T R332T R332TP R432T R532T R732T		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.8 1.7 2.2 1.7 2.8 1.7 2.5		0.8 1.7 2.2 1.7 2.8 1.7 2.5	
1.5x4m/m As sample in P25-32	R113T R213T R313T R313TP R413T R513T R713T		R133T R233T R333T R333TP R433T R533T R733T		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	1.2 2.3 2.7 2.3 3.0 2.3 2.8		1.2 2.3 2.7 2.3 3.0 2.3 2.8	
2x5m/m As sample in P25-33	R112M R212M R312M R312MP R412M R512M R712M		R132M R232M R332M R332MP R432M R532M R732M		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.8 1.7 2.2 1.7 2.8 1.7 2.5		0.8 1.7 2.2 1.7 2.8 1.7 2.5	
4x7m/m As sample in P25-34	R113L R213L R313L R313LP R413L R513L R713L		R133L R233L R333L R333LP R433L R533L R733L		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.6 2.1 1.6 2.7 1.6 2.4		0.7 1.6 2.1 1.6 2.7 1.6 2.4	
3x4m/m As sample in P25-35	R112K R212K R312K R312KP R412K R512K R712K		R132K R232K R332K R332KP R432K R532K R732K		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.3 1.5 1.3 2.1 1.3 1.6		0.7 1.3 1.5 1.3 2.1 1.3 1.6	
1x5m/m As sample in P25-36	R112J R212J R312J R312JP R412J R512J R712J		R132J R232J R332J R332JP R432J R532J R732J		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	0.7 1.3 1.5 1.3 2.1 1.3 1.6		0.7 1.3 1.5 1.3 2.1 1.3 1.6	

All Dimensions are in millimeters.
Tolerance is $\pm 0.2\text{mm}$

LED LAMP

RECTANGULAR TYPE



RECTANGULAR TYPE	LENS COLOR				EMITTING COLOR	LUMINOUS INTENSITY IN MCD @10MA			
	Color Diffused (TYP 1)	Color Transparent (TYP 2)	White Diffused (TYP 3)	Water Clear (TYP 4)		TYP			
						1	2	3	4
As sample in P25-36	R113J R213J R313J R313JP R413J R513J R713J		R133J R233J R333J R333JP R433J R533J R733J		Red GaAsP Yellow Green Pure Green Orange Red GaP Low Current Red	1.1 2.1 2.5 2.1 2.6 2.1 2.5		1.1 2.1 2.5 2.1 2.6 2.1 2.5	

All Dimensions are in millimeters.
Tolerance is $\pm 0.2\text{mm}$