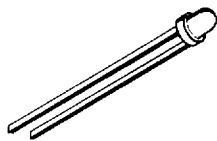


# Discrete Led Components

## 3 mm ( T-1 ) LEDs



E F G H

- Wide range of defined colours including blue
- 5 and 12 volt integrated resistor versions
- Minimum line quantity 200

### ORDERING INFORMATION AND TECHNICAL CHARACTERISTICS ( Ta = 25°C )

ORDER CODE	COLOUR	LENS EPOXY	WAVE LENGTH λp	LUMINOUS INTENSITY lv @ lopr	FORWARD CURRENT lopr	VIEWING ANGLE 2θ1/2	TYP FWD VOLTAGE Vf @ lopr	MAX FWD VOLTAGE Vf @ lopr	OUTLINE DRAWING PAGE 12
001 - 305 - 04	Red	Diffused	650	33	20	30	2.1	3.0	E
001 - 311 - 04	Yellow	Diffused	585	33	20	30	2.2	3.0	
001 - 314 - 04	Green	Diffused	563	47	20	30	2.2	3.0	
001 - 320 - 05	Blue	Diffused	470	1.5	34	42	3.2	3.7	F
001 - 303 - 04	Red	Tinted	650	100	20	20	2.1	3.0	E
001 - 306 - 04	Orange	Tinted	610	100	20	20	2.1	3.0	
001 - 309 - 04	Yellow	Tinted	585	100	20	20	2.2	3.0	
001 - 312 - 04	Green	Tinted	563	160	20	20	2.2	3.0	
001 - 319 - 05	Blue	Water Clear	470	6.0	34	28	3.2	3.7	F
001 - 381 - 20	Red	Diffused	635	8.0	10	60	5.0	7.0	G
001 - 382 - 20	Yellow	Diffused	590	8.0	10	60	5.0	7.0	
001 - 383 - 20	Green	Diffused	565	8.0	10	60	5.0	7.0	
001 - 384 - 21	Red	Diffused	635	8.0	10	60	12	14	
001 - 385 - 21	Yellow	Diffused	590	8.0	10	60	12	14	
001 - 386 - 21	Green	Diffused	565	8.0	10	60	12	14	
001 - 302 - 04	GaAlAs Red	Diffused	660	150	20	60	1.9	2.5	H
001 - 330 - 04	Red/Green Bi-Colour	Diffused White	635 565	12	20	50	2.0 2.2	2.5	
			nm	mcd	mA	deg	V	V	

Mean Time Between Failure 100,000 hours

## 3 mm ( T-1 ) Low Current LEDs

### ORDERING INFORMATION AND TECHNICAL CHARACTERISTICS ( Ta = 25°C )

ORDER CODE	COLOUR	LENS EPOXY	WAVE LENGTH λp	LUMINOUS INTENSITY lv @ lopr	FORWARD CURRENT lopr	VIEWING ANGLE 2θ1/2	TYP FWD VOLTAGE Vf @ lopr	MAX FWD VOLTAGE Vf @ lopr	OUTLINE DRAWING PAGE 12
001 - 305 - 01	Red	Diffused	650	1.5	2.0	30	1.8	2.5	E
001 - 311 - 01	Yellow	Diffused	585	1.5	2.0	30	1.9	2.5	
001 - 314 - 01	Green	Diffused	563	2.0	2.0	30	1.9	2.5	
001 - 303 - 01	Red	Tinted	650	4.0	2.0	20	1.8	2.5	
001 - 306 - 01	Orange	Tinted	610	4.0	2.0	20	1.8	2.5	
001 - 309 - 01	Yellow	Tinted	585	4.0	2.0	20	1.9	2.5	
001 - 312 - 01	Green	Tinted	563	6.5	2.0	20	1.9	2.5	
			nm	mcd	mA	deg	V	V	

Mean Time Between Failure 250,000 hours

GROUP 0