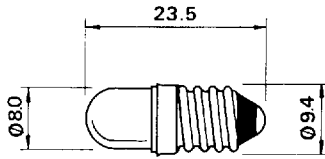


210 Series: Miniature Edison Screw (Single Chip LED)



DIMENSIONS IN mm (TYPICAL)

SCALE 1:1

- Direct replacement for T3¼ MES E10 incandescent
- High performance red is ideal for annunciator panels
- Diffused lens epoxy ensures total lens illumination
- Minimum line quantity 20

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

ORDER CODE	COLOUR	VOLTAGE DC Vopr	CURRENT DC Iopr	LUMINOUS INTENSITY Iv	WAVE LENGTH λp	CIRCUIT DIAGRAM	VIEWING ANGLE 2Θ1/2	OPERATING TEMP Topr	STORAGE TEMP Tstg				
210 - 805 - 04	Red	2.0	20	20	635		50	- 40 to + 85	- 50 to + 100				
210 - 811 - 04	Yellow	2.1	20	20	590								
210 - 814 - 04	Green	2.2	20	12	565								
210 - 805 - 20	Red	5 / 6	15 / 20	15 / 20	635								
210 - 811 - 20	Yellow	5 / 6	15 / 20	15 / 20	590								
210 - 814 - 20	Green	5 / 6	15 / 20	9 / 12	565								
210 - 805 - 21	Red	12	20	20	635								
210 - 811 - 21	Yellow	12	20	20	590								
210 - 814 - 21	Green	12	20	12	565								
210 - 805 - 22	Red	24	20	20	635								
210 - 811 - 22	Yellow	24	20	20	590								
210 - 814 - 22	Green	24	20	12	565								
210 - 805 - 23	Red	28	20	20	635								
210 - 811 - 23	Yellow	28	20	20	590								
210 - 814 - 23	Green	28	20	12	565								
210 - 805 - 24	Red	48	12	12	635								
210 - 811 - 24	Yellow	48	12	12	590								
210 - 814 - 24	Green	48	12	7.0	565								
	Diffused	V	mA	mcd	nm						deg	°C	°C

GaAlAs RANGE

ORDER CODE	COLOUR	VOLTAGE DC Vopr	CURRENT DC Iopr	LUMINOUS INTENSITY Iv	WAVE LENGTH λp	CIRCUIT DIAGRAM	VIEWING ANGLE 2Θ1/2	OPERATING TEMP Topr	STORAGE TEMP Tstg			
210 - 802 - 04	Red	1.9	20	200	660		50	- 40 to + 85	- 50 to + 100			
210 - 802 - 20	Red	5 / 6	15 / 20	150 / 200	660							
210 - 802 - 21	Red	12	20	200	660							
210 - 802 - 22	Red	24	20	200	660							
210 - 802 - 23	Red	28	20	200	660							
210 - 802 - 24	Red	48	12	120	660							
	Diffused	V	mA	mcd	nm					deg	°C	°C

Mean Time Between Failure 90,000 hours

5800440 0000467 631