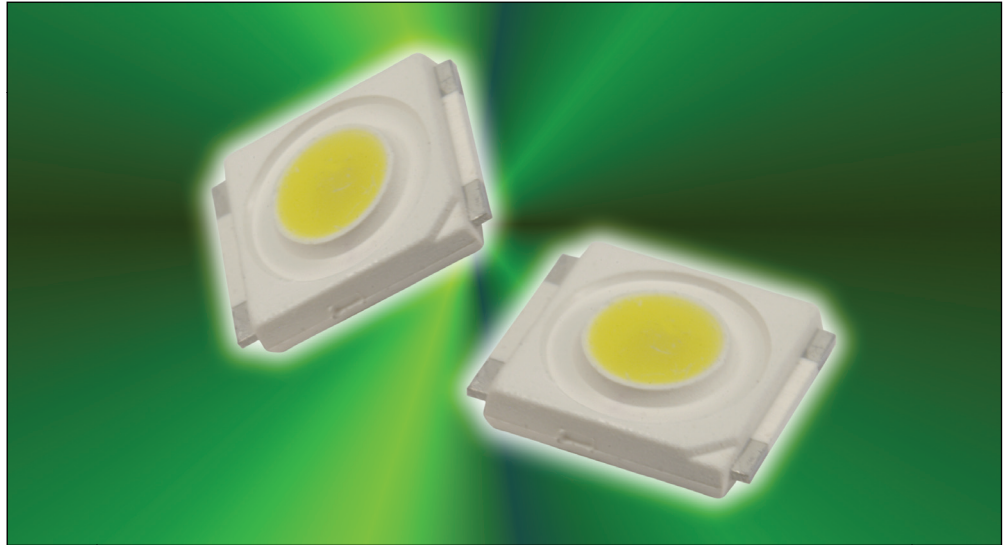


SMD White LED is low profile . . .

The SH21WT40 high power 1W White LED produces a luminous intensity of 48 lumens typ @350mA and is designed for surface mounting using IR reflow soldering JEDEC J-STD020C compatible. This cost effective device measures 7.0 x 6.0mm with a low 1.5mm profile and features a low thermal resistance $R_{th(jc)} = 18^{\circ}\text{C/W}$. A wide 120° directivity is produced which makes the device ideal for backlighting applications. Cool white colour bins range from 5000 to 10000 CCT (K) and warm white from 2800 to 3600 CCT (K). A tight bin selection is provided to produce excellent colour consistency. Applications include backlighting, linear arrays and clusters.

Samples are available from Plus Opto Ltd.



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