

Blue + near-infrared dual-band CoB

Nisene U.S. market edition | Polymatech 30 mm Specialty CoB Platform

Parameter	Design-in information
Spectral configuration	450 nm + 750 nm nominal channels
Package platform	30.00 x 30.00 x 1.00 mm
Light-emitting surface	17.00 mm diameter circular emitting area
Substrate / thermal path	Aluminium-base CoB with electrically isolated thermal path
Mounting reference	Two 3.00 mm diameter holes on the diagonal; M4 screw reference assembly
Thermal resistance	2 C/W, junction-to-case design value; final system thermal validation required
Drive method	Regulated constant-current drive; configuration-specific electrical limits apply
Manufacturer	Polymatech Electronics Limited, India
Country of manufacture	India

Typical application areas

Multi-spectral OEM lighting; controlled-environment and photobiology systems; research and analytical illumination; custom spectral equipment.

Ordering and design-in

Before design-in or order acceptance, obtain the current Polymatech configuration-specific specification covering wavelength tolerance, electrical limits, optical or radiant output, test conditions, channel ratio, thermal requirements and applicable compliance declarations. Configuration-specific values are released against the approved quotation or order specification.

United States sales and customer support

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