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Slalom surface mount heat sink from Aavid Thermalloy



Aavid Thermalloy has introduced its newest innovation in SMT compatible heat sinks to meet the needs of newer higher power semiconductors.

The heat sinks' unique design (Patent Pending) combines the technology of automatically assembling the tin plated solderable tags with that of stamping pre-black anodised or painted aluminium coils to configure these SMT heat sinks. Tags named "Skis" are fixed mechanically to the heat sink body by self-riveting or staking.

Features and benefits:

- Increased thermal performance up to 30% over bright copper heat sinks from improved radiation of the black finish
- Unique aluminium design reduces the heat sink cost versus similar designs utilizing copper
- Light weight aluminium construction allows faster pick and place assembly reducing the manufacturing cycle time
- The black finish provides enhanced heat absorption, improving Infra-red reflow process cycle time and quality
- Edge mounted "Skis" are designed for use in applications with limited PC board space and allow customisation of footprint design and size
- Available in bulk packaging or Tape & Reel

Applications:

- Power Supplies
- Telecommunication Equipment
- Motor Controls
- Medical Equipment
- Industrial Process Control Equipment
- Consumer Products

For more information on the full range of Aavid Thermalloy products available from Anglia please call +44 (0)1945 474747 or email info@anglia.com

Alternatively, [click on this link](#) to go to the main Aavid Thermalloy section where you can view other news articles and product data.

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