

EDB Product Summary



4/2/2025

国内代理店 株式会社ソリッド・ソリューションズ

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TMD Technologies – UK Products

High Voltage Power Supply Units

- Up to 50 kV with solid insulation
- TWT, magnetron & Klystron supplies
- High pulse power capacitor charging
- Custom designs



Travelling Wave Tubes

- Ring loop & helix based
- Ku & X-band tubes for Radar and missile seeker applications
- Broadband Mini TWTs
- Now developing higher power & higher efficiency



Rugged TWT based Amplifiers & Transmitter Solutions

- For harsh Mil-Std environmental needs
 - Pulsed & CW
- Up to 70kW, used in ground based and airborne applications
- Proven High Reliability
- Excellent spurious & noise performance



Modular Commercial Amplifiers

- Lab EMC & High-Power Testing and Threat Emulation
- TWT based - Up to 40 GHz
- Dual, Quad & Octal TWT power combination units
- CW, ICW & Pulsed
- Customer defined configurations and options



TMD Technologies – UK Products

Microwave Power Modules

- Small, light-weight, mini-TWT based amplifiers for ground mobile and airborne use
- EW, Datalinks and Radar applications
- Linear CW & pulsed models
- 6 – 18 GHz, 120W, CW
- 18 – 40 GHz 120-200W CW
- 28V, 270V DC & 115V 400Hz AC input options



Solid State Power Amplifiers

- Pulsed and CW ranging from 100W and up to 1kW
- VHF to Ku Band – bespoke designs
- Radar & EW anti-drone applications
- Gallium Nitride (GaN) transistor technology
- Commercial & Rugged Units



Transponders

- Qualified for missile tracking applications
- Solid State - Ultra-small & light weight
- 1W, 20W, 50W & 400W C, X-Band options
- Low power, high efficiency, tunable
- Test Set



Quantum & Applied Science

- New ITAR free product range for PNT
- Rb-based compact Grating Magneto optical trap – quantum accelerometer application
- Calcium Ion Atomic clock
- Hand held Gravity Gradiometer
- Quantum hybrid INS

