



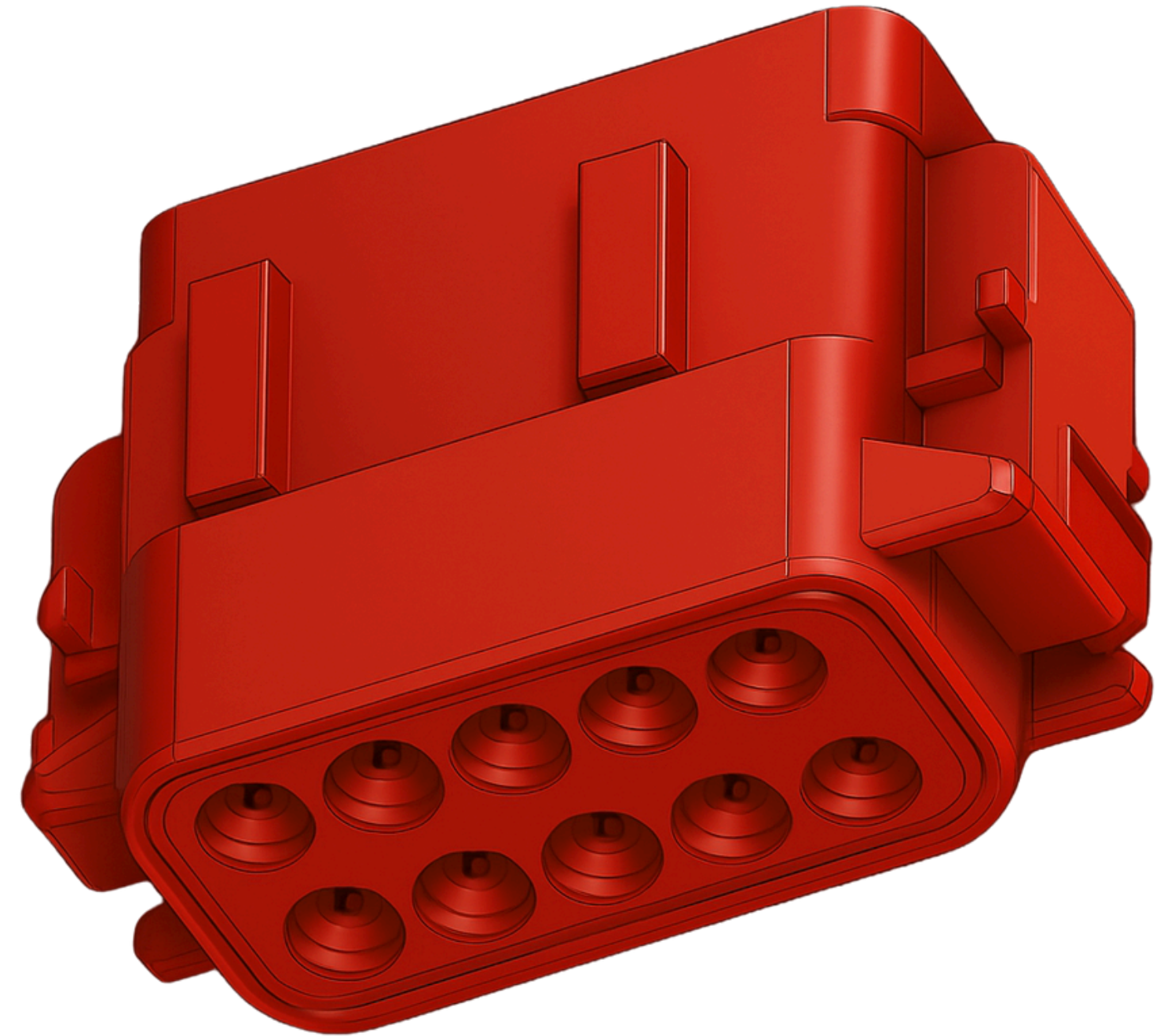
**AVR** *Global*  
Technologies Inc.

# Additive Manufacturing

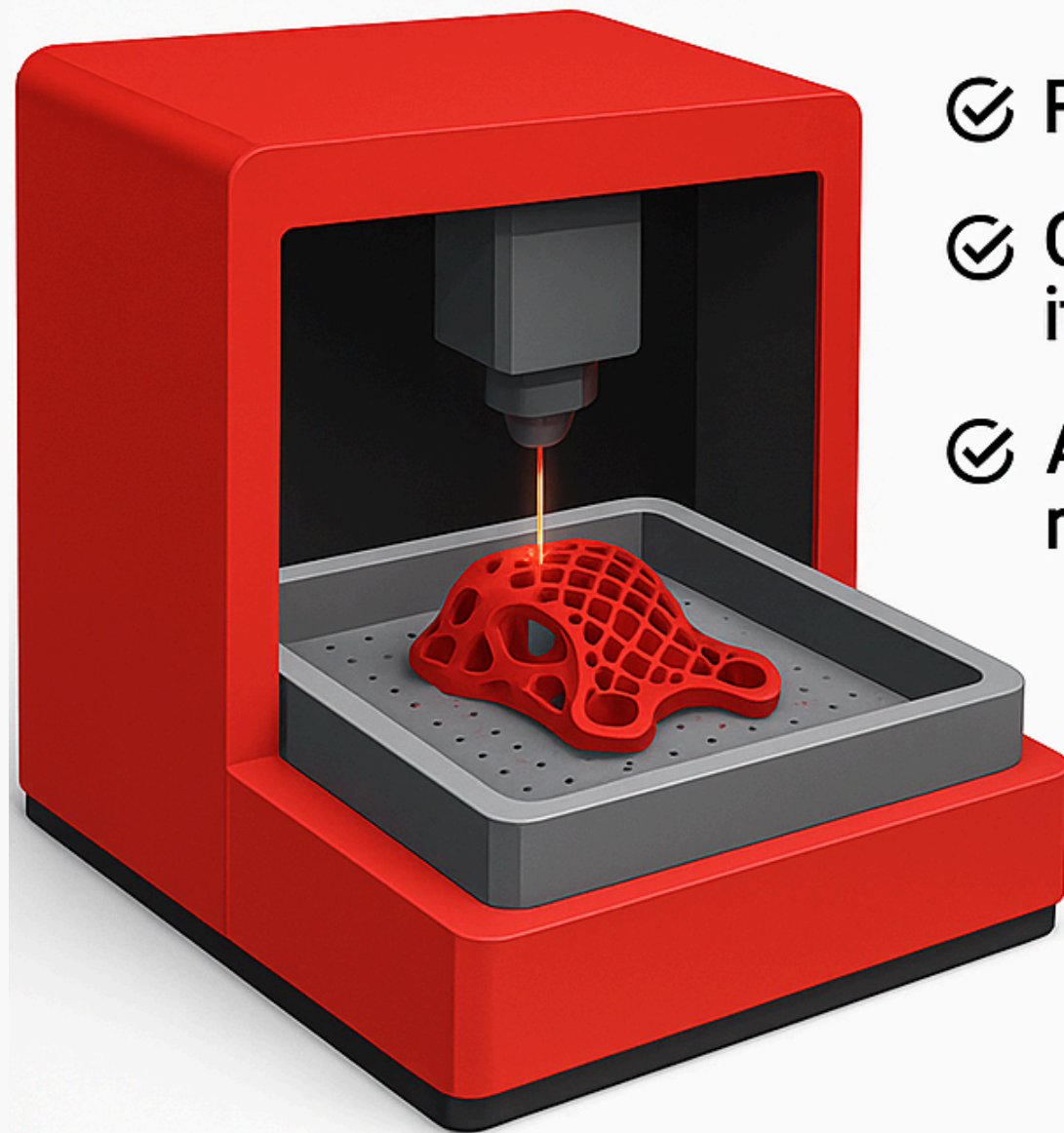
*We Connect Technology*



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# WHY CHOOSE 3D MANUFACTURING?



- ✓ Rapid turnaround
- ✓ Cost-effective iteration
- ✓ Accurate fit for real-world use

## Smarter, Faster Product Development

3D printing streamlines the entire development process—from early-stage prototyping to functional end-use parts—by eliminating tooling delays, reducing waste, and enabling fast, cost-effective iterations. Whether you're testing fit and function or producing low-to-mid volume runs, additive manufacturing gives you the flexibility and speed traditional methods can't match, all while keeping production in-house and under control.

# Resin (SLA/DLP)



## SPECIFICATIONS

### MATERIAL

PLA, PETG, ABS, ASA, TPU, PVA, Nylon, PC, CF/Glass-filled, PEEK, Ultem

### TEMPERATURE RANGE

Nozzle: up to 500°C, Bed: up to 200°C, Chamber: ~90“100°C

### BEST FOR

High-temp engineering parts, multi-material, multi-color, dissolvable supports

### APPLICATIONS

Prototyping, functional tools, jigs, fixtures, enclosures, aerospace, industrial R&D

# Laser (SLS)



## SPECIFICATIONS

### MATERIAL

Nylon 11, Nylon 12, Nylon 12 GF, Nylon 11 CF, TPU 90A, Open Material Mode (1064nm)

### TEMPERATURE RANGE

Cured at -160-200°C during sintering

### BEST FOR

Strong, support-free production parts with excellent mechanical properties

### APPLICATIONS

Rugged housings, gears, end-use mechanical components, aerospace, robotics



# Filament (FDM)



## SPECIFICATIONS

### MATERIAL

PLA, PETG, ABS, ASA, TPU, PVA, PET, PA, PC, CF-nylon  
(with hardened nozzle)

### TEMPERATURE RANGE

Nozzle: up to 300°C, Bed: up to 100°C

### BEST FOR

Fast prototyping, consistent dimensionally accurate  
mechanical parts

### APPLICATIONS

Brackets, fixtures, drone parts, functional engineering  
prototypes





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# Thank You



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