



## Processor Module

### TM9001

*Transputer Module  
MIL-STD-883C rated*

#### Description:

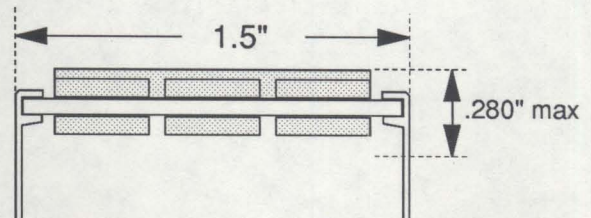
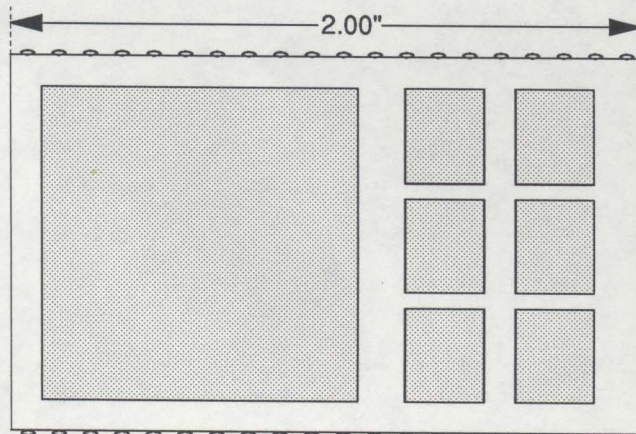
The TM9001 is a military-specification quality transputer subsystem product. It provides a complete transputer subsystem with logic and memory, and is modular and field-replacable. It features high-reliability design, utilizing epitaxial CMOS processor, all CMOS MIL-STD-883C components, including fast static RAM, control logic and an external byte-wide communications port, decoded to provide high-speed block-move support for quick data transfers (3.3MBytes/sec).

All TESSCO Microelectronic products feature on-board capacitors and multilayer printed-circuit board construction for low-noise operation at high speeds. The TM9001 features temperature testing from -55 to +125° C, dynamic parametric testing for consistent high quality, and military level traceability.

TESSCO Micro is a commercial and military standard approved vendor with 5 years of experience in ultra-high quality surface mount module construction. Our forte is custom processor or memory modules for the military market.

#### Features:

- 20MHz CMOS RISC processor - INMOS T800Q-20M transputer
- 128KByte Fast CMOS Static RAM
- 40-pin Low-Profile DIP package (MIL-38510)
- Module material (Kevlar™) has better handling characteristics than ceramic DIPs
- External byte-wide port allows direct external communications or control
- Design allows I/O port to input or output at 3.3MBytes/sec
- 100% dynamic testing
- Ultra-high quality assembly in the USA
- Size : 2.00 x 1.50 x .280"



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