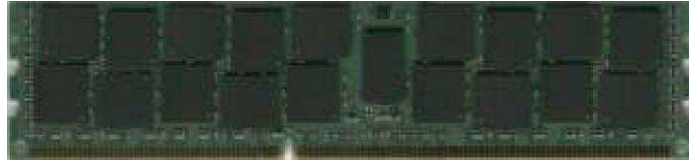


Products in Family

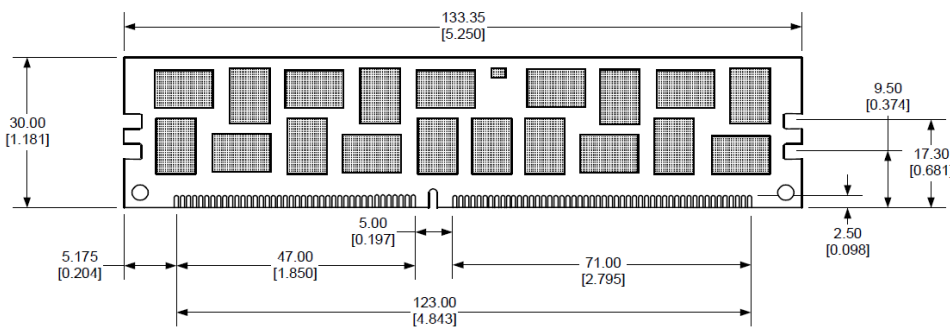
GRFM10/32GB (4 x 8GB 1Rx4 DIMM)
 GRFM10/64GB (4 x 16GB 2Rx4 DIMM)
 GRFM10/128GB (4 x 32GB 4Rx4 DIMM)



Features	Description
240-pin JEDEC-compliant DIMMs 133.35 mm wide by 30 mm high (1.181" x 5.25") Data Transfer Rate: 12.8 Gigabytes/sec Operating Voltage: 1.35 V ±0.075 (1.5 V tolerant) Fully RoHS Compliant Thermal Sensor	Each GRFM10 upgrade consists of four DDR3-1600 Registered ECC DIMMs that conform to JEDEC's DDR3, PC3L-12800 standard. One 2K-bit EEPROM is used for Serial Presence Detect and a combination register/PLL with Address and Command Parity is also used. A thermal sensor accurately monitors the DIMM module and can prevent exceeding the maximum operating temperature of 95C.

Dataram Product	Fujitsu Product	Product Descriptions
GRFM10/32GB	7105615	32GB DDR3L-1600/PC3L-12800 1R
GRFM10/64GB	7105616	64GB DDR3L-1600/PC3L-12800 2R
GRFM10/128GB	7105507	128GB DDR3L-1600/PC3L-12800 4R

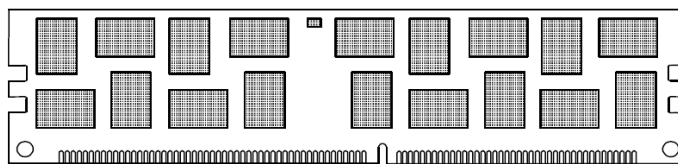
Front view



Notes

Tolerances on all dimensions except where otherwise indicated are ±.13 (.005). All dimensions are expressed in millimeters [inches]

Back view



Side view

