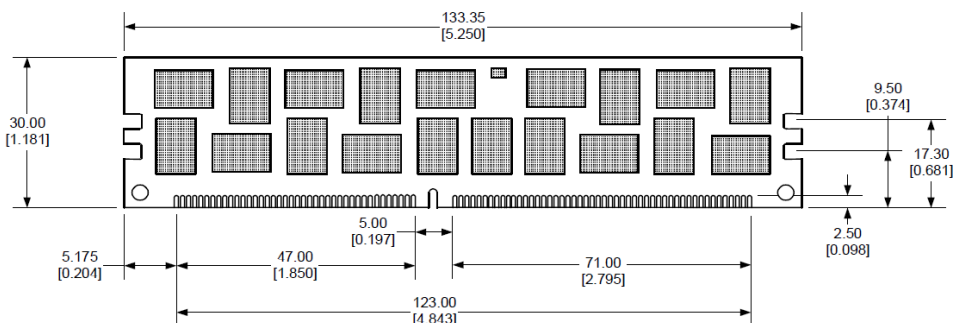## Products in Family

DRH81600RS/4GB (1 x 4GB 1Rx4 DIMM)
DRH81600RS/8GB (1 x 8GB 1Rx4 DIMM)
DRH81600R/8GB (1 x 8GB 2Rx4 DIMM)
DRH81600R/16GB (1 x 16GB 2Rx4 DIMM)

Features

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: 1.5 V ±0.075
Fully RoHS Compliant
Thermal Sensor
HP SmartMemory compliant

Description

Each DRH81600R upgrade consists of a single DDR3-1600 Registered ECC DIMM that conforms to JEDEC's DDR3, PC3-12800 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.

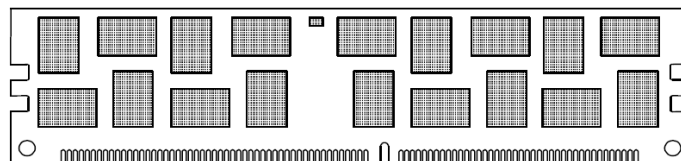| Dataram Product	HP Product	Product Description:
DRH81600RS/4GB	647895-B21	4GB 1Rx4 PC3-12800R-11
DRH81600RS/8GB	647899-B21	8GB 1Rx4 PC3-12800R-11
DRH81600R/8GB	690802-B21	8GB 2Rx4 PC3-12800R-11
DRH81600R/16GB	672631-B21	16GB 2Rx4 PC3-12800R-11

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