

Industrial Temperature

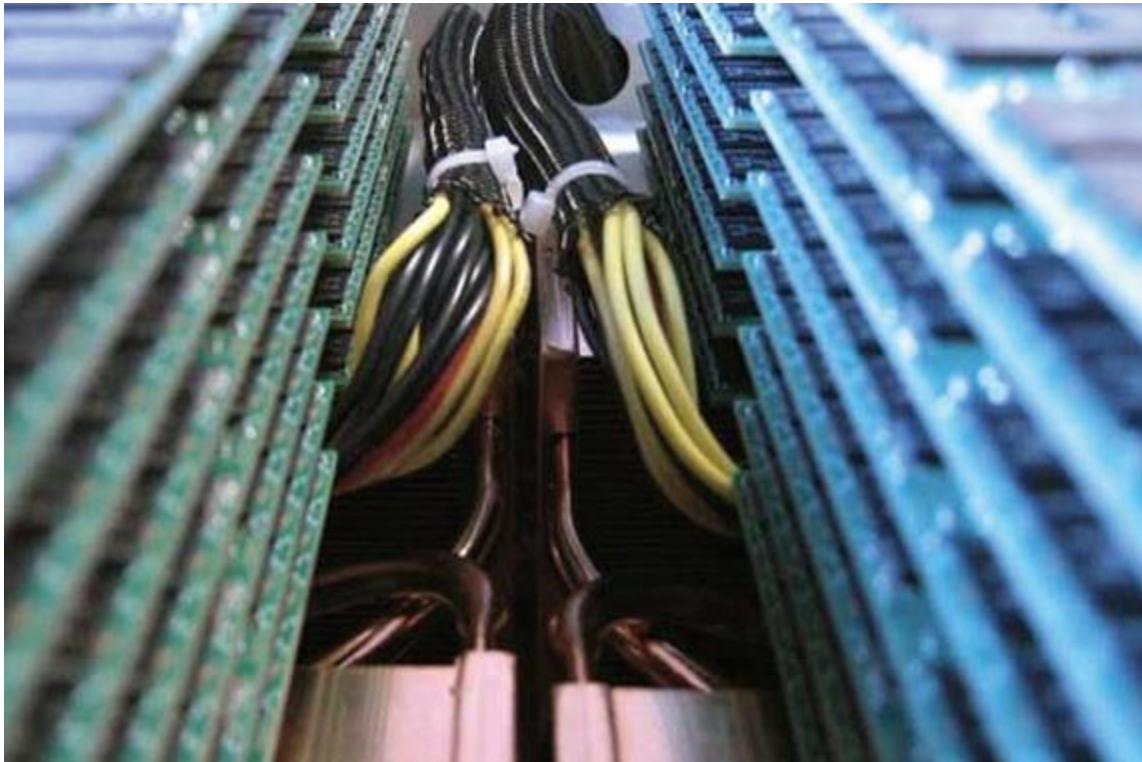


DDR4 SO-DIMM

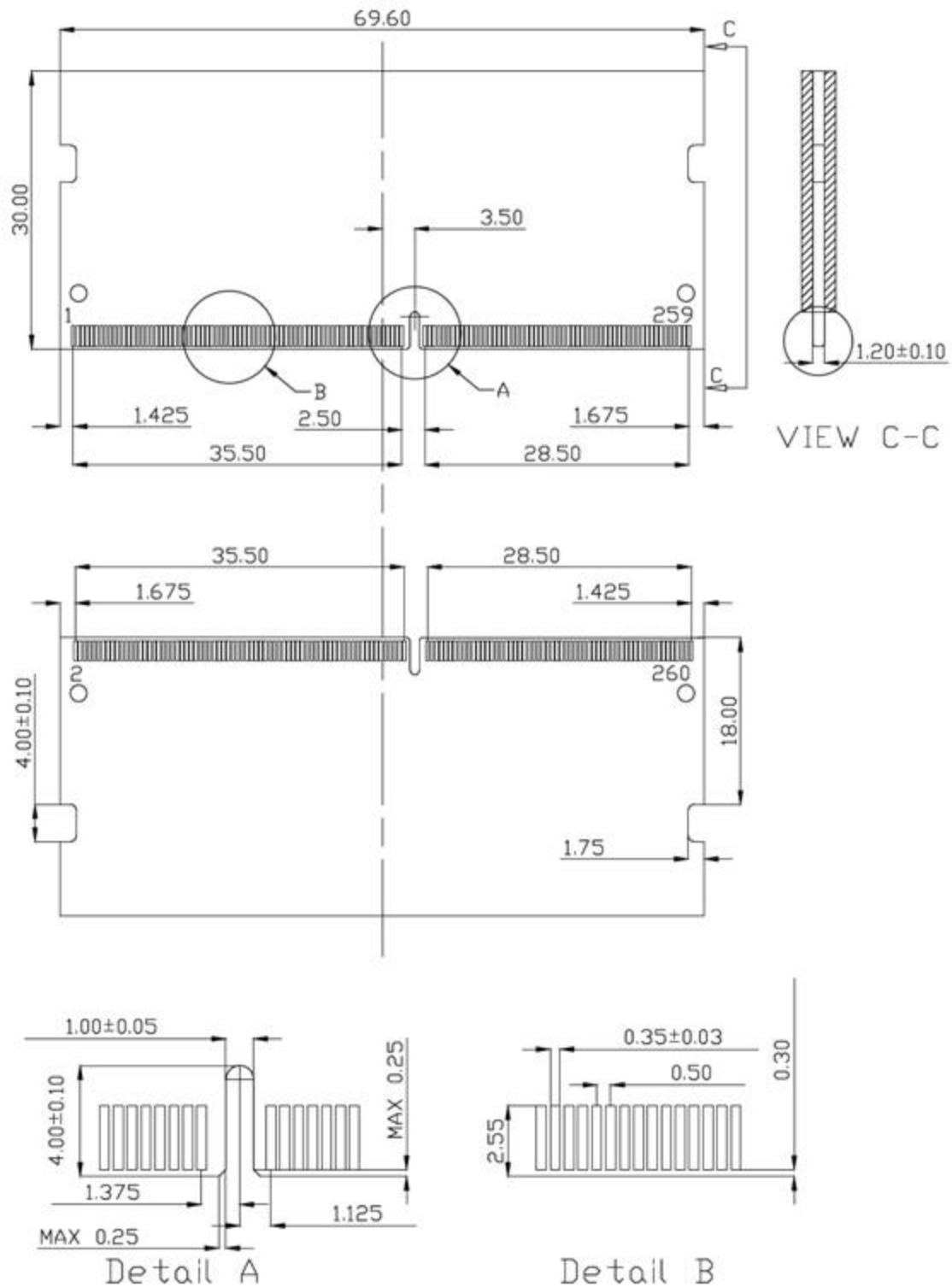
Built of high-quality DDR4 chips and extra-durable components, Transcend's Industrial Grade SO-DIMM is an ideal choice for space-constrained applications that require rugged durability and flawless stable operation even in extreme heat or cold environments. Rugged notebooks, POS terminals, indoor/outdoor kiosks and vending machines, medical equipment, and other industrial systems will benefit from the robust durability of Transcend's Industrial Grade memory modules, which are built with PCB contact pins that are 10 times thicker than normal. With industrial range (-40° to 85°C) operating temperature flexibility, these memory modules are specially engineered to maintain optimum performance.

Features

- JEDEC standard $1.2V \pm 0.06V$ power supply
- 8 bit pre-fetch
- Burst Length: 4, 8
- Bi-directional differential data-strobe
- Internal calibration through ZQ pin
- On-die termination with ODT pin
- Serial presence detect with EEPROM
- Gold plating of PCB gold finger is 30u
- Industrial grade capacitors ensure voltage stability
- 100% tested for stability, compatibility and performance



Specifications



Module Type

DDR4 Unbuffered SO-DIMM

Frequency

1066/1200MHz for 2133/2400Mb/s/Pin

Number of Rank(s)	2 ranks
Number of Pin(s)	260 pin
Capacity	16GB
DRAM Configuration	1024Mx8
Timing Description	15-15-15/17-17-17
Voltage	1.2V
PCB Height	1.18 inches
Operating Temperature	$-40^{\circ}\text{C} \leq T_a \leq 85^{\circ}\text{C}$ Note: Operating temperature is the ambient temperature (Ta)
Warranty	Limited Lifetime Warranty* *Please access here for more information about Transcend Warranty Policy.

Due to the complexity and variety of industrial applications, Transcend cannot guarantee 100% compatibility with all platforms and under all scenarios.

For special applications and environments, it is strongly suggested to contact Transcend beforehand for clarification.