

SPECIFICATIONS**Mechanical**

Contact Retention Force: 0.30Kg (0.66Lbs) min. per pin
Durability: 25 Cycles
Insertion Force(Conn. Into PCB): 7.6Kg (16.76Lbs)
Unmating Force(Per Contact pair): 14g min.

Electrical

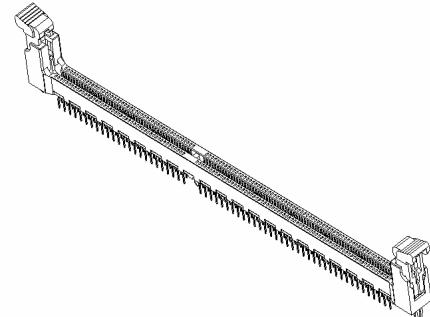
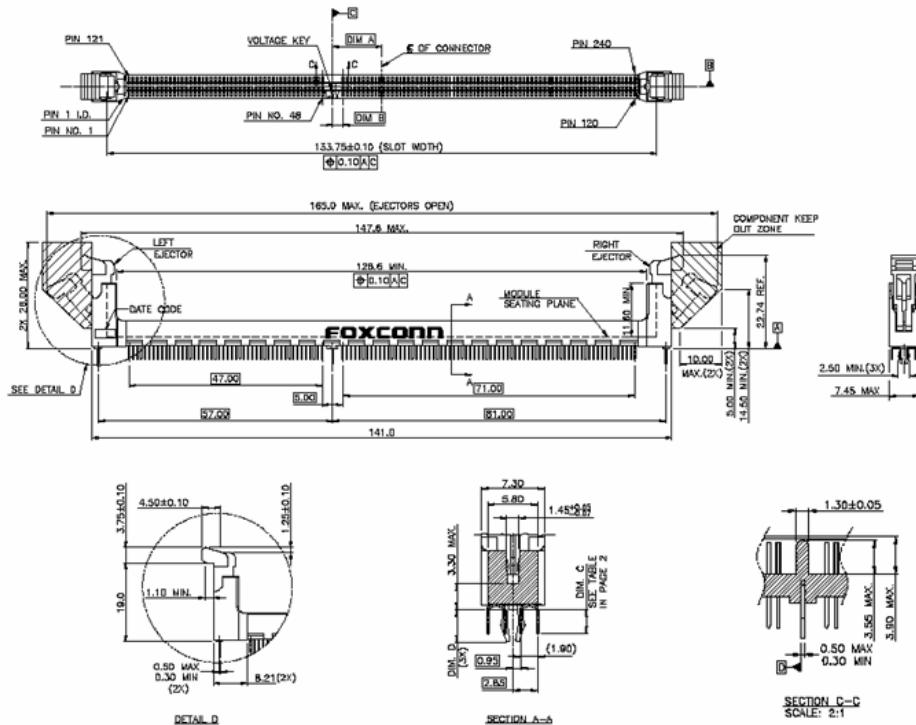
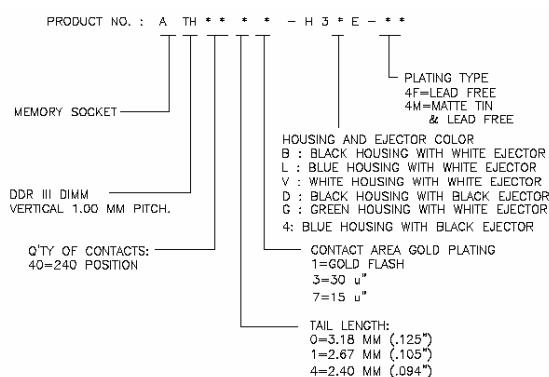
Current Rating: 0.5 Amps max.
Insulation Resistance: 1MΩ min. at 500V DC
Dielectric Withstanding Voltage: 500V DC at Sea Level
Low Level Contact Resistance: 30mΩ max. initial, Change not greater than 20mΩ Max.

Physical

Housing: Thermoplastic, UL 94V-0 rated in Black Color
Contact: Copper alloy
Ejector: Thermoplastic, UL 94V-0 rated in White Color
Metal Hold Down: Copper alloy
Operating Temperature: 0°C to +85°C

DDR3 Connector

ATH40 Series
Vertical Type
1.00mm [.039"] Pitch
240 Pos.

**DRAWING****ORDERING INFORMATION**

PART NUMBER	NO. OF POSITION	VOLTAGE MARKING	KEY POSITION	DIM. A	DIM. B	DIM. C CONTACT TAIL	DIM. D METAL BOARD LOCK
ATH401*-H3*E-4*	240	1.5V	CENTER OFFSET	12.00	2.50	2.67±0.25 FOR 1.3 (.052") PCB THICKNESS	3.78±0.25 FOR 1.3 (.052") PCB THICKNESS
ATH400*-H3*E-4*	240	1.5V	CENTER OFFSET	12.00	2.50	3.18±0.25 FOR 2.36 (.093") PCB THICKNESS	4.57±0.25 FOR 2.36 (.093") PCB THICKNESS
ATH404*-H3*E-4*	240	1.5V	CENTER OFFSET	12.00	2.50	2.40±0.25 FOR 1.57 (.062") PCB THICKNESS	3.78±0.25 FOR 1.57 (.062") PCB THICKNESS