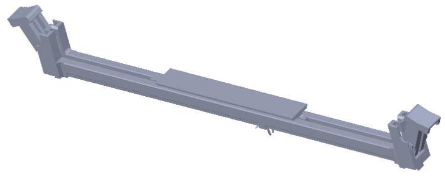
FOXCONN®

## SPECIFICATIONS

# DDR3 Connector

**ATS40 Series**
**VLP SMT DDR3**
**1.00mm Pitch**
**240 Pos.**



### Mechanical

***Contact Retention Force:*** *0.30Kg (0.66Lbs) min. per contact*
***Durability:*** *25 Cycles*
***Insertion Force(Conn. Into PCB):*** *6.8Kg (15Lbs)*
***Unmating Force(Per Contact pair):*** *14g min.*

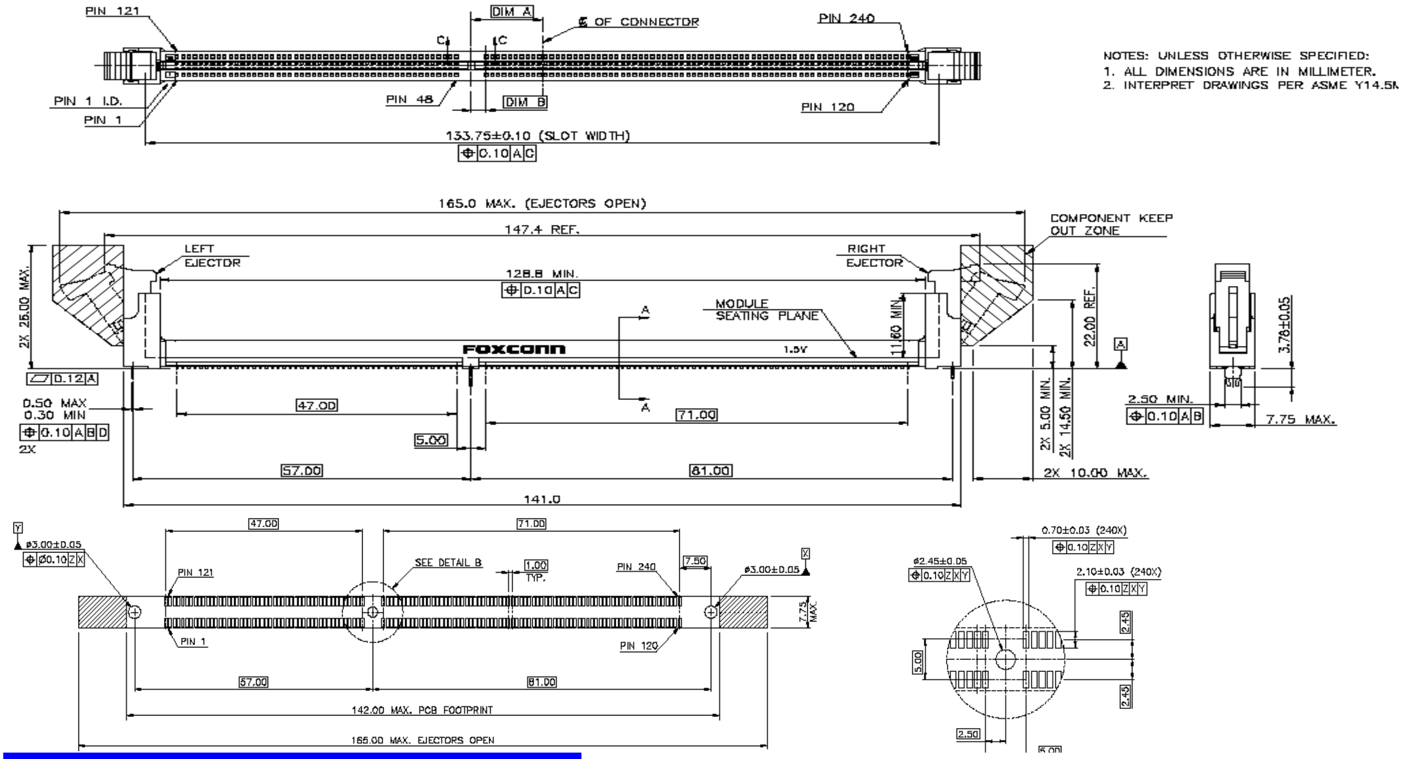
### Electrical

***Current Rating:*** *0.75 Amps max.*
***Insulation Resistance:*** *1MΩ min. at 500V DC*
***Dielectric Withstanding Voltage:*** *500V DC at Sea Level*
***Low Level Contact Resistance:*** *10mΩ max. initial,* *No change greater than 10 milliohms max after full environmental testing.*

### Physical

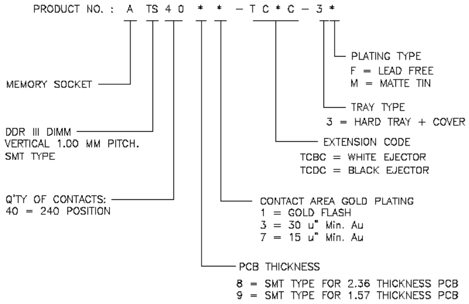
***Housing:*** High temperature t*hermoplastic, UL 94V-0 rated in Black Color*
***Contact:*** *Copper alloy*
***Ejector:*** *Thermoplastic, UL 94V-0 rated in Black Color*
***Metal Hold Down:*** *Copper alloy*
***Operating Temperature:*** *0℃ to +85℃*

## DRAWING



## ORDERING INFORMATION

PRODUCT NOMENCLATURE:



| PART NUMBER | POSITION | MARKING | POSITION | DIM. A | DIM. B | DIM. C | PCB THICKNESS |
|---|---|---|---|---|---|---|---|
| ATS409*-TC*C-3* | 240 | 1.5V | CENTER OFFSET | 12.00 | 2.50 | 1.90 | 1.57±0.13 |
| ATS408*-TC*C-3* | 240 | 1.5V | CENTER OFFSET | 12.00 | 2.50 | 2.60 | 2.36±0.13 |