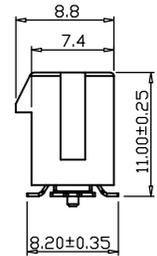
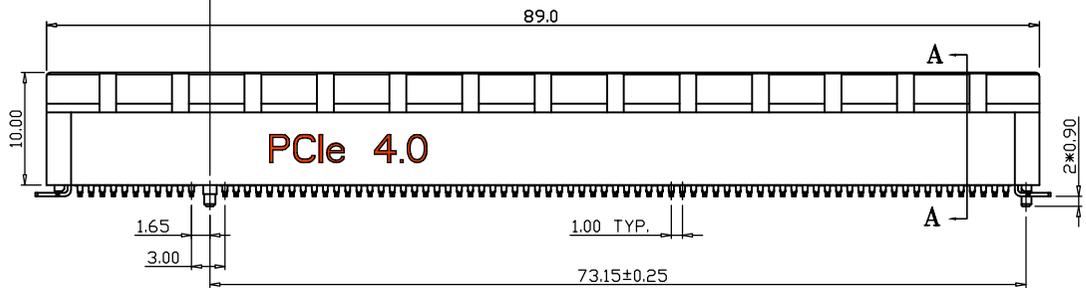
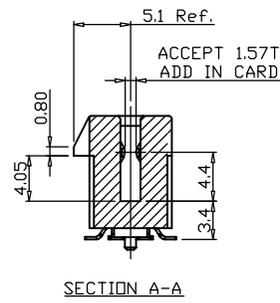
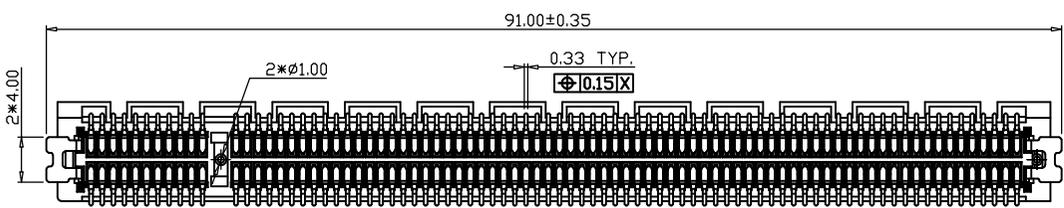


- *Material:**
- Housing: LCP+30% G/F, UL94V-0,COLOR: BLACK.;
 - Terminal: Phosphor Bronze,T=0.25mm;
Plating: Gold in contact area;
80u" Min Tin in solder area;
30u" MIN.NICKEL UNDERPLATING OVER ALL.
 - Latch:Brass,T=0.30mm;
80u" Min Tin on solder area;
30u" MIN.NICKEL UNDERPLATING OVER ALL.



- *Electrical Characteristics:**
- Contact Resistance: 30mΩ Max.
 - Insulation Resistance: 1000MΩ Min.
 - Dielectric Strength: 500V DC/1MIN.
 - Contact Current rating: 1.1 A Per Pin Min.



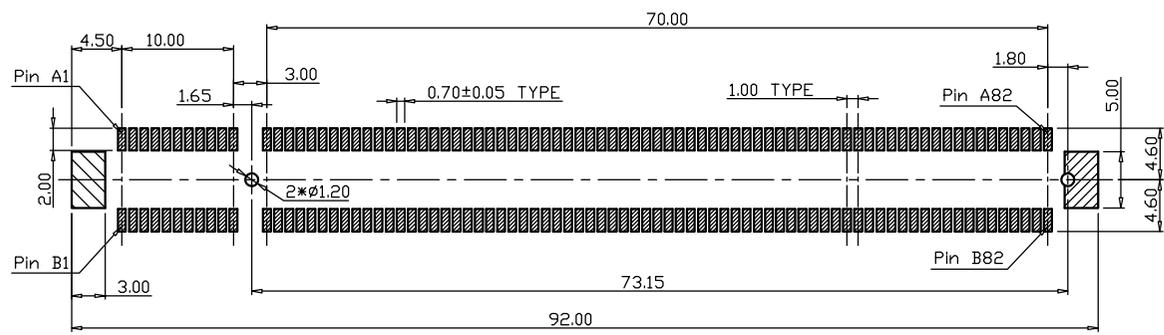
- *Mechanical Characteristics:**
- Insertion Force: 1.15N per contact pair Max.
 - Extraction Force: 0.15N per contact pair Min.
 - Durability rating: 50 Cycles

***Operating temperature: -25°C ~ +85°C**

***ORDER INFORMATION*
EAST-164 02 X 50 XX X X**

No. of Pins: 50
Plating: XX
Environment Protection: XX
Packing: X
C-Tray
Color: X
K1:Black.....

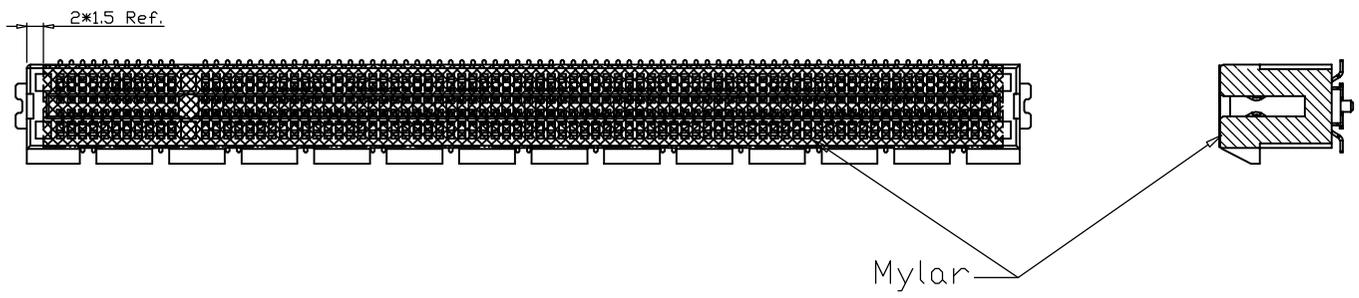
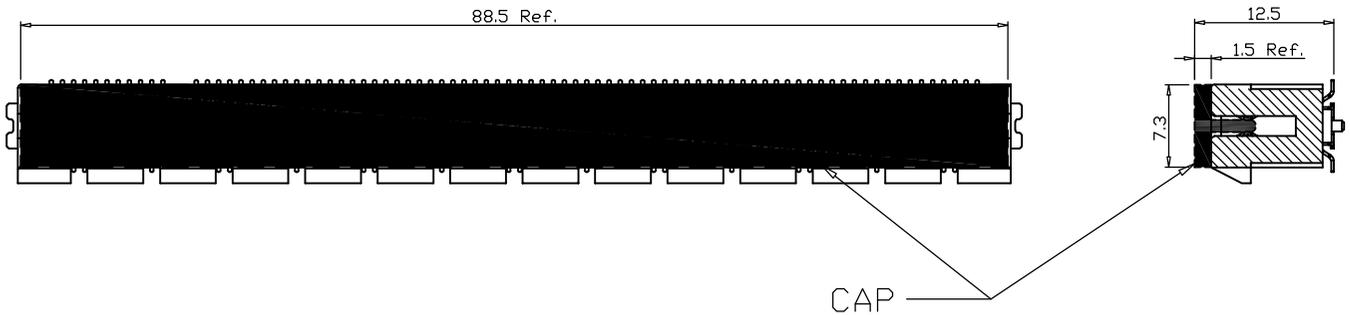
A-Flash:Gold in contact area/
80u" Min Tin in solder area.
B-3u" Min.Gold in contact area/
80u" Min Tin in solder area.
C-5u" Min.Gold in contact area/
80u" Min Tin in solder area.
D-10u" Min.Gold in contact area/
80u" Min Tin in solder area.
E-15u" Min.Gold in contact area/
80u" Min Tin in solder area.
G-30u" Min.Gold in contact area/
80u" Min Tin in solder area.



RECOMMENDED PCB LAYOUT (COMPONENT SIDE) TOLERANCE: ±0.05

| TOLERANCE | | 深圳市东方御业科技有限公司 www.dfyyconn.com Tel: 0755-27155560 | TITLE: PCIe Gen4.0(16GT/s) 164P SMT type 无肋传统型 | | | | |
|-----------|-----------|--|---|---------------|-----------|--------|-----|
| LINEAR | ANGLES | | CUSTOMER COPY | PART NO.: | SEE TABLE | | |
| X.±0.50 | X°.±2.0° | | DWG NO.: | EAST-16402-50 | | | |
| .X±0.38 | .X°.±1.0° | | UNITS | SCALE | SHEET | REV | |
| .XX±0.25 | .XX°± | APPD: | DRWN: Rocky | MM | 1:1 | 1 OF 3 | A/0 |
| .XXX±0.15 | .XXX°± | CHKD: | DATE: 2021-5-24 | | | | |

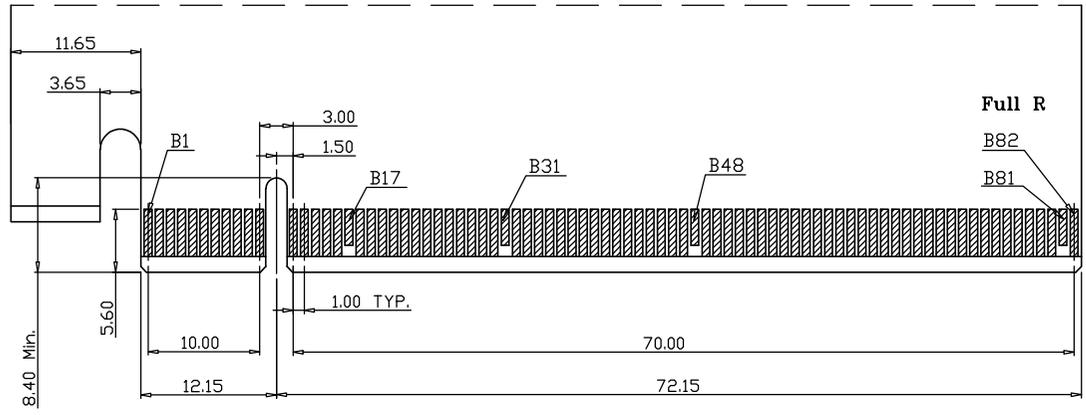
| | | | | |
|-----|-----|-------------|------|-----|
| REV | LTR | DESCRIPTION | DATE | DWN |
|-----|-----|-------------|------|-----|



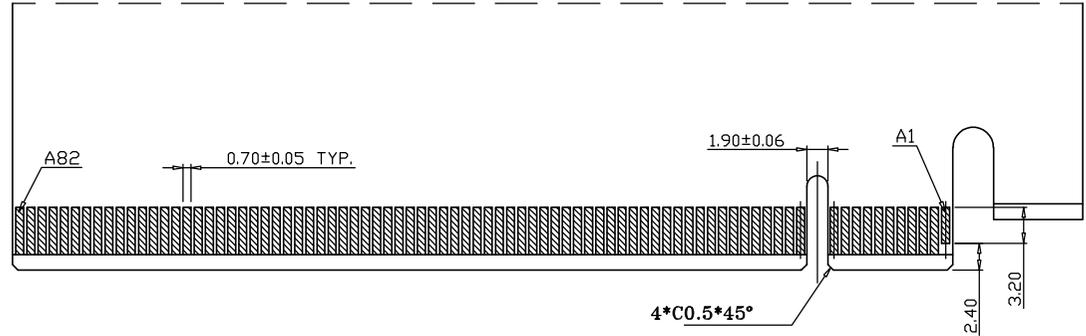
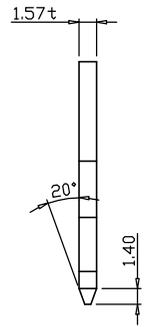
With MYLAR (Only for Reference)

| TOLERANCE | | 深圳市东方御业科技有限公司 | | TITLE: PCIe Gen4.0(16GT/s) 164P SMT type 无肋传统型 | | | |
|------------|----------|------------------------------------|-----------------|---|-----------|---------------|-----|
| LINEAR | ANGLES | www.DFYCDNN.COM Tel: 0755-27155560 | | CUSTOMER COPY | PART NO.: | SEE TABLE | |
| X.±0.50 | X°±2.0° | | | | DWG NO.: | EAST-16402-50 | |
| .X ±0.38 | .X°±1.0° | APPD: | DRWN: Rocky | UNITS | SCALE | SHEET | REV |
| .XX ±0.25 | .XX°± | CHKD: | DATE: 2021-5-24 | | | | |
| .XXX ±0.15 | .XXX°± | | | | | | |

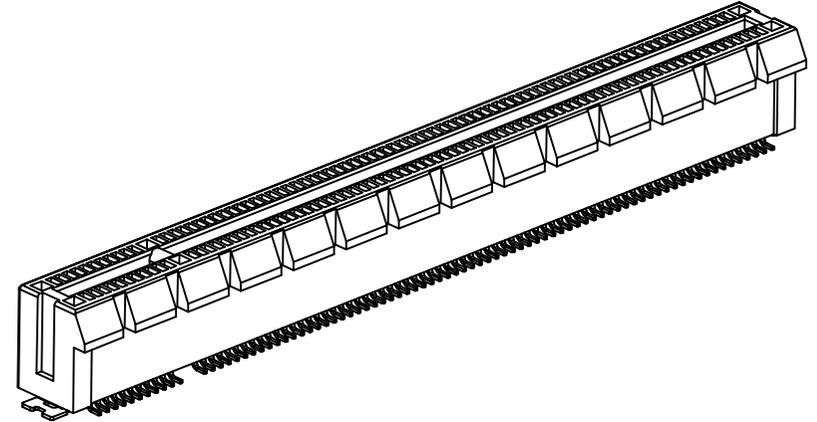
| | | | | |
|-----|-----|-------------|------|-----|
| REV | LTR | DESCRIPTION | DATE | DWN |
|-----|-----|-------------|------|-----|



RECOMMENDED EDGE CARD PATTERN<PRIMARY SIDE>



RECOMMENDED EDGE CARD PATTERN<SECONDARY SIDE>



| TOLERANCE | | 深圳市东方御业科技有限公司 | | TITLE: PCIe Gen4.0(16GT/s) 164P SMT type 无肋传统型 | | | | |
|------------|----------|------------------------------------|-----------------|---|------------------------|-------|-----|----|
| LINEAR | ANGLES | www.DFYCDNN.COM Tel: 0755-27155560 | | CUSTOMER COPY | PART NO.: SEE TABLE | | | |
| X.±0.50 | X°±2.0° | | | | DWG NO.: EAST-16402-50 | | | |
| .X ±0.38 | .X°±1.0° | APPD: | DRWN: Rocky | UNITS | SCALE | SHEET | REV | |
| .XX ±0.25 | .XX°± | CHKD: | DATE: 2021-5-24 | | | | | MM |
| .XXX ±0.15 | .XXX°± | | | | | | | |