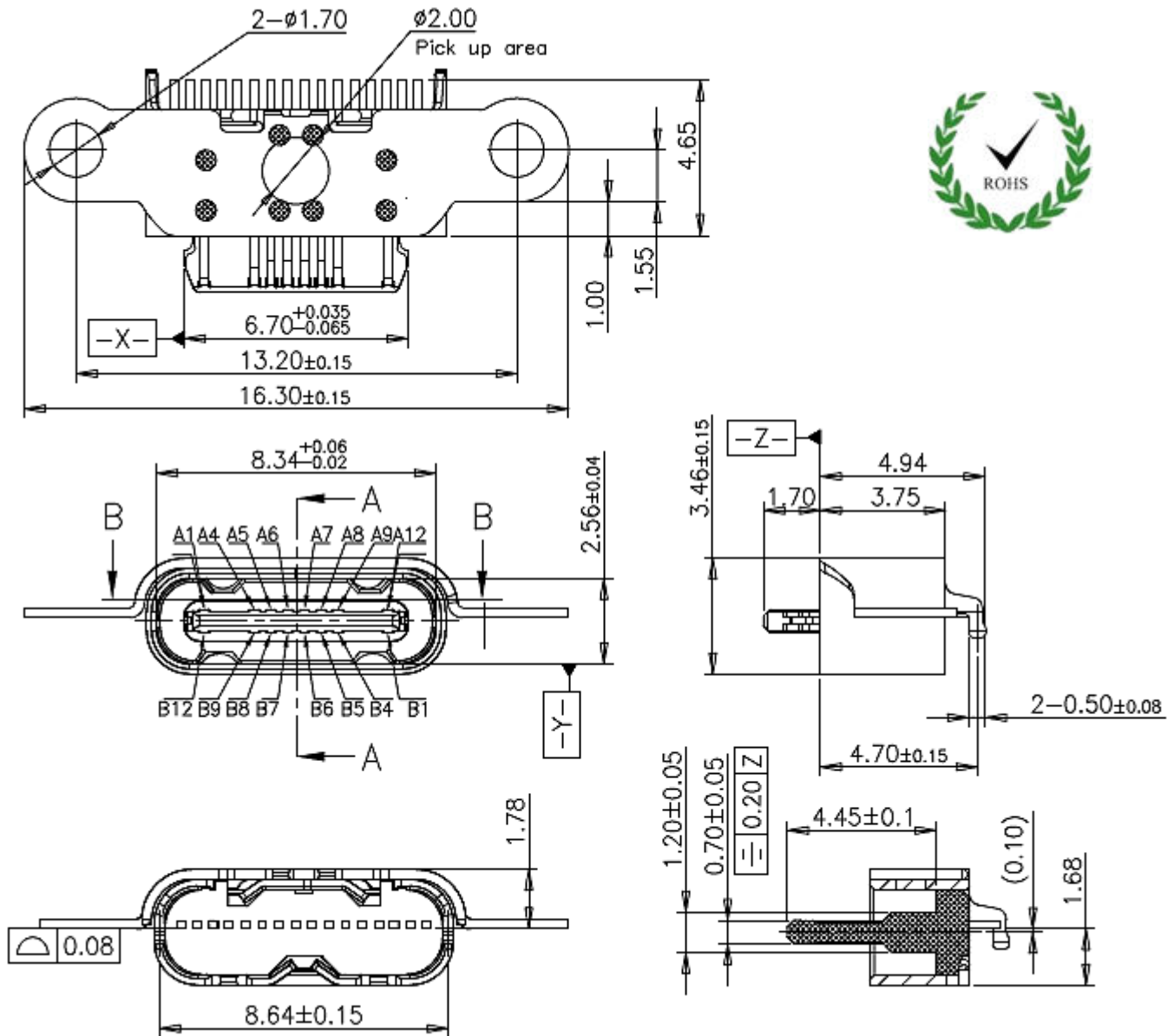


Operation: Push-Pull & 3.75mm



**LTEM NO.:MC-316C-K17**  
(2.0Type-C-CONNECTORS)

Unit:mm



### Technical parameter

| PROJECT               |                            | LEVEL | A[better product]                           | B[average product]                      | C[low product] |
|-----------------------|----------------------------|-------|---------------------------------------------|-----------------------------------------|----------------|
| Electrical Properties | Initial Contact Resistance |       | 30mΩ max.                                   | 30mΩ max.                               | no data!       |
|                       | Contact Resistance         |       | 100MΩ min.100V DC Skey/PD: 50MΩ min.100V DC |                                         |                |
|                       | Withstand Voltage          |       | 300V AC for 1min 250 V AC for 1min          |                                         |                |
| Durable Performance   | There No Load              |       | 10,000 Cycles                               | <b>8,500 Cycles</b>                     | no data!       |
|                       | Rated Load                 |       | 10,000 Cycles<br>50mΩ max.                  | <b>8,000 Cycles</b><br><b>30mΩ max.</b> | no data!       |
| Insertion Force       |                            |       | 4.0Kgf MAX (Springback: )                   |                                         |                |

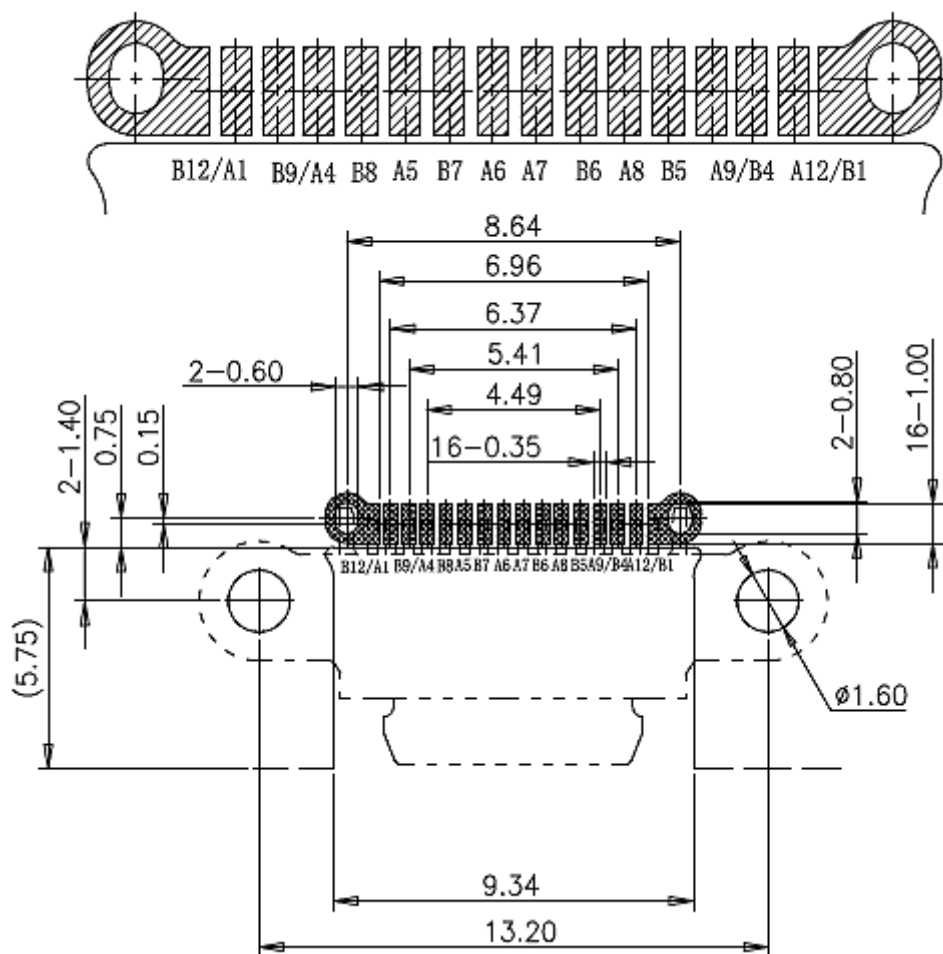
表面貼裝 SMT

側向導入 LATERAL

精密部品 NICETY

可靠 STABILIZE

適合環保 RoHS



## Assignment

## Material declaration

| No. | NAME     | Type | Description               |
|-----|----------|------|---------------------------|
| ①   | HOUSING  | 1    | LCP(glass fiber filled)BK |
| ②   | CONTACT  | 16   | BRASS(t=0.12mm)           |
| ③   | SHELL    | 1    | STAINLESS STEEL(t=0.30mm) |
| ④   | PLATE    | 1    | STAINLESS STEEL(t=0.15mm) |
| ⑤   | GND RING | 1    | STAINLESS STEEL(t=0.30mm) |

本品不屬於危害性廢棄物,須丟棄時可以委託回收商予以回收再生處理。Products do not belong to hazardous waste, When waste can recycling processing

運送時本產品不要直接與水、酸鹼性化學物質接觸,或放置於含有以上氣體環境中,並且需要注意會有滑落、側翻的危險發生;運輸過程中不能有碰撞或者擠壓,須保證溫度與濕度適中[常溫 25℃,濕度在 50℃ 以內],不可導致材料變形或氧化。

## 注記 NOTICE

1. 碩方電子公司擁有最終解釋權; The company reserves the right of final interpretation;
2. 文件禁止外洩、轉載; Leaked and reproduced prohibited;
3. 未經授權修改無效。Modify is invalid.

PIN ASSIGNMENTS

| PIN | Signal NAME | Description                                               | PIN | Signal NAME | Description                                               |
|-----|-------------|-----------------------------------------------------------|-----|-------------|-----------------------------------------------------------|
| A 1 | GND         | Ground return                                             | B12 | GND         | Ground return                                             |
| A 4 | V BUS       | Bus Power                                                 | B 9 | V BUS       | Bus Power                                                 |
| A 5 | CC1         | Configuration Channel                                     | B 8 | SBU2        | Sideband Use (SBU)                                        |
| A 6 | Dp1         | Positive half of the USB 2.0 differential pair-Position 1 | B 7 | Dn2         | Negative half of the USB 2.0 differential pair-Position 2 |
| A 7 | Dn1         | Negative half of the USB 2.0 differential pair-Position 1 | B 6 | Dp2         | Positive half of the USB 2.0 differential pair-Position 2 |
| A 8 | SBU1        | Sideband Use (SBU)                                        | B 5 | CC2         | Configuration Channel                                     |
| A 9 | V BUS       | Bus Power                                                 | B 4 | V BUS       | Bus Power                                                 |
| A12 | GND         | Ground return                                             | B 1 | GND         | Ground return                                             |

