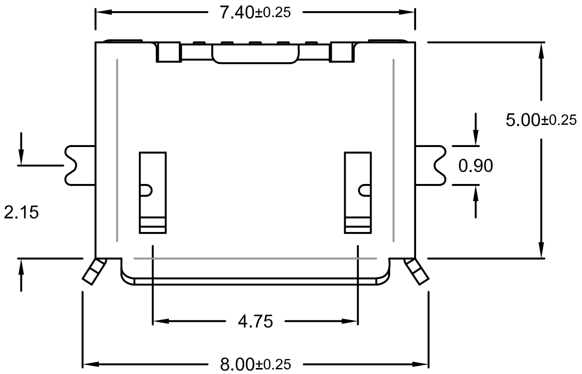
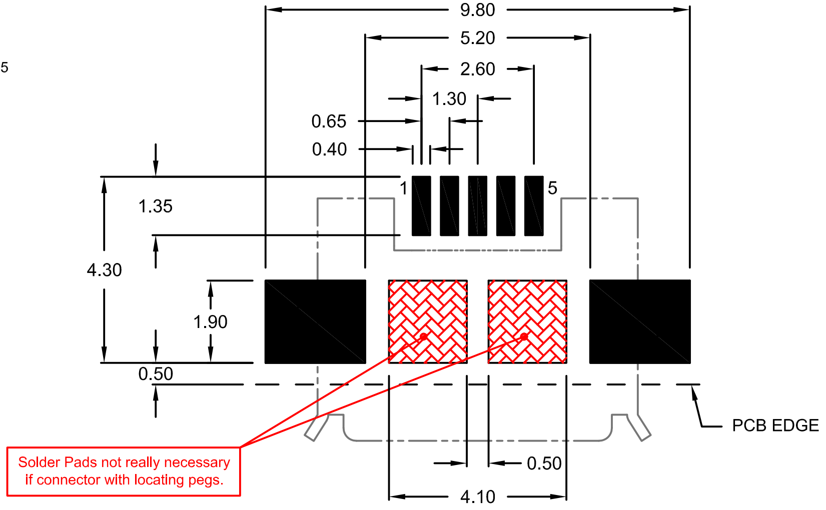
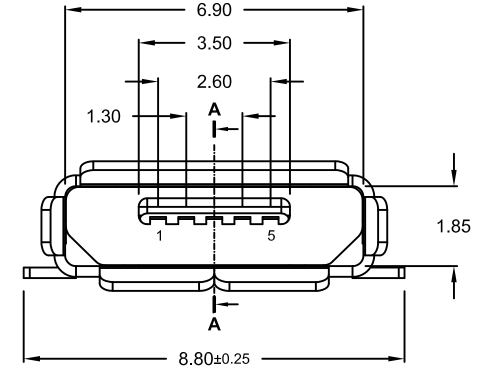
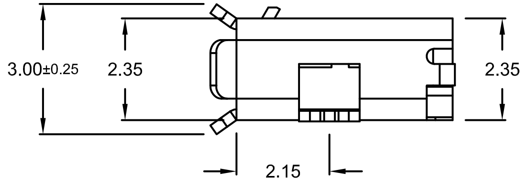
| REV. | DESCRIPTION | DATE | DRAWN |
|---|---|---|---|
| A | New | 30.03.2009 | Ryan |
| B | Plating Code -98 --> -58 | 18.04.2013 | Ryan |
| C | PN Code -SAB01- --> -SK0AB21- | 06.02.2017 | Ronny |
| D | general update | 08.01.2019 | Ronny |

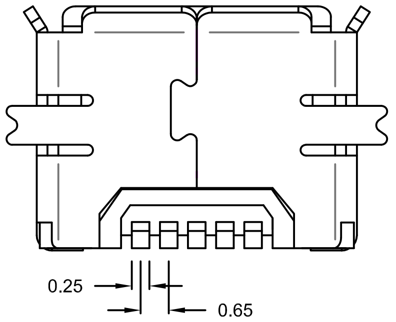


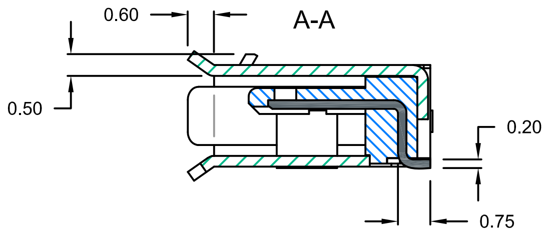
Recommended PCB Layout
(Tolerance: ±0.05)











## Order Code

UNS-B05-SK0AB21-58/R

## Specifications

### Electrical

Current rating: 1) Signal Line: 1.0A/contact (No. 2, 3, 4)
2) Power Line: 1.8A/contact (No. 1 & 5)
Insulation resistance: 100MΩ min. @ 500V DC
Contact resistance: 30mΩ max. @ 100mA
Voltage rating: 30V AC max.
Withstanding voltage: 100V AC for 1 Minute

### Material

Contact: PhBz t=0.20
Plating: solder area Au flash, contact area Au 30μ"
Shell: Stainless Steel t=0.25; Sn plated
Insulator: LCP (GF 30%) UL 94V-0 (Black)

Operating temperature: -30°C to +80°C
Processing temperature: +260°C +0/-5°C for 5 sec.

### Mechanical

Durability (Life Time): 10.000 Cycles min.
Insertion force: 35N max.
Extraction force: 8N min.

### Packing

Reel

RoHS compliant

**E-tec Interconnect**

| | | | | | | |
|---|---|---|---|---|---|---|
| UNIT<br>mm | GENERAL TOLERANCE | | DRAWN<br>Ryan | DATE<br>30.03.2009 | DWG. NO.<br>UNS-SK0AB21 | SHEET 1/1 |
| | X.° ± | X. ± | | | | |
| SCALE<br>Free | .X° ± | .X ± | CHECK<br>Hogi | DATE<br>21.01.2019 | | REV. D |
| | .XX° ± | .XX ± 0.13 | APPROVE<br>Hogi | DATE<br>21.01.2019 | SERIES NO.<br>UNS-B05-SK0AB21-xx/R | |
| | .XXX° ± | .XXX ± | | | | |

**Micro USB 2.0 Type "A & B"**
5-Contact Female - SMT horizontal Type
with Wing Ground tabs
**without locating pegs**