



PRODUCTION REPORT

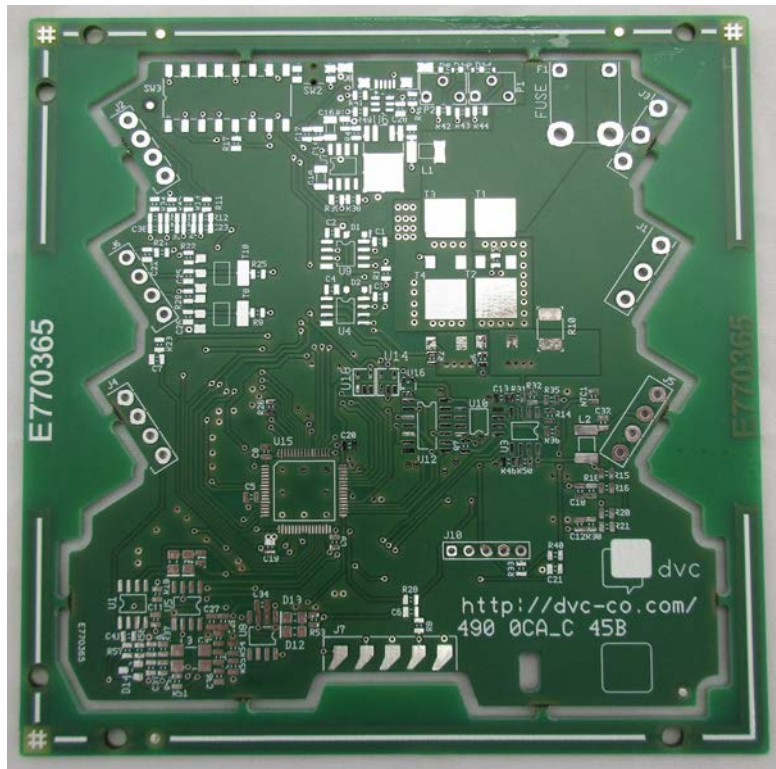
1 Order detail :

| | |
|--|---|
| PROJECT NAME Customer project name | YOUR REFERENCE Customer project reference |
|--|---|

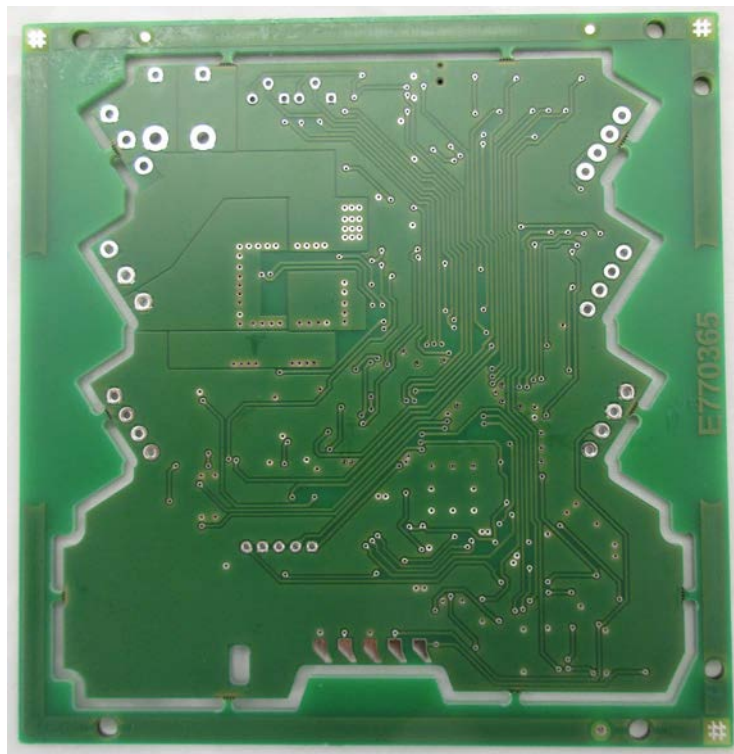
| | | |
|---|--|--|
| MYPROTO ORDER REFERENCE DVC order reference | MYPROTO REFERENCE DVC project reference | ORDER DATE Datum |
| QUANTITY Number of board | ASKED DELIVERY TERM Number of working days | CONFIRMED DELIVERY TERM Number of working days |

2 Photos of the bare PCB :

TOP view

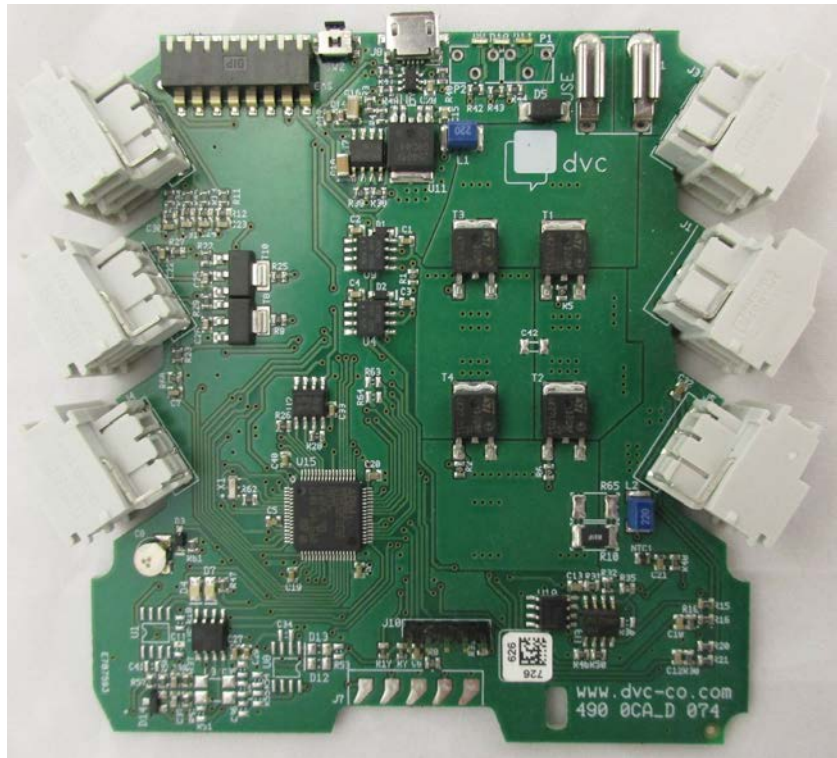


BOTTOM view

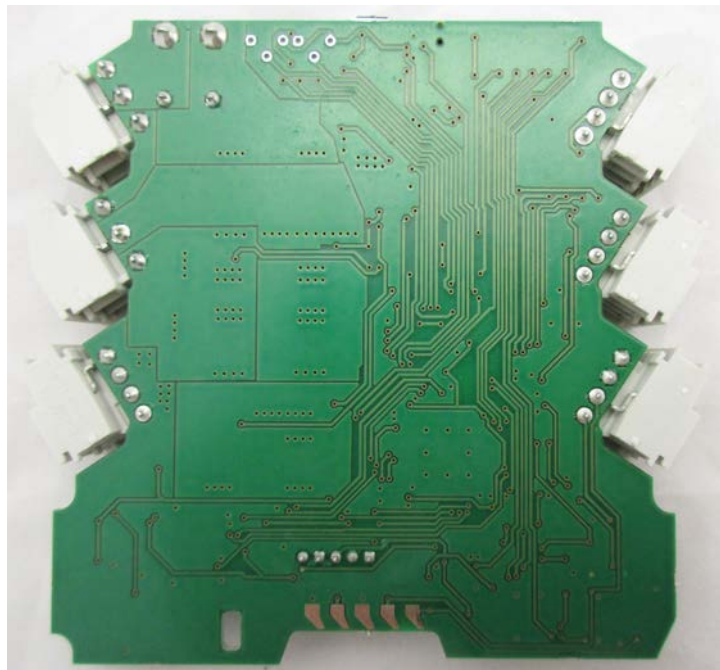


3 Photos of the assembly :

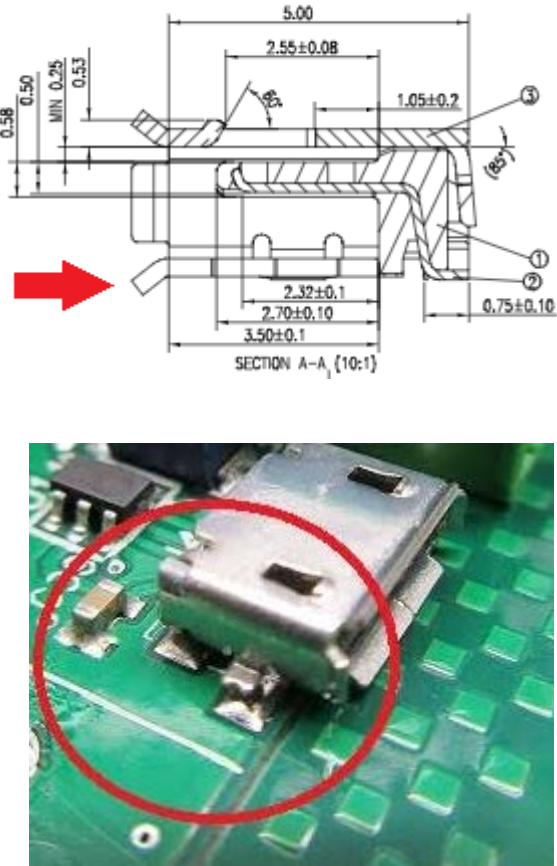
TOP view



BOTTOM view



4 Remarks :

| Remark 1 | Comment |
|---|---|
|  <p>The technical drawing shows a cross-section of a USB connector with dimensions: 5.00 (total length), 2.55±0.08 (lug length), 1.05±0.2 (lug thickness), 0.58 (lug height), MIN 0.25 (lug width), 0.53 (lug width), 2.32±0.1 (PCB pad length), 2.70±0.10 (PCB pad length), 3.50±0.1 (PCB pad length), and 0.75±0.10 (PCB pad width). A red arrow points to the cut-out area. The photograph shows the component on a green PCB with a red circle highlighting the cut-out area.</p> | <p>Category : PCB design</p> <p>Components : J8, USB connector</p> <p>Description : Component has a lug on the downside. In order to place it flat on the PCB, there needs to be a cut-out designed for this component.</p> <p>Suggestion :</p> <ol style="list-style-type: none"> 1) Place the component slightly lifted on one side and solder 2 pads manually 2) Not mount the component 3) design cut-out for future orders <p>Solution :</p> |
| Remark 2 | Comment |
| <p>image</p> | <p>Category :</p> <p>Components :</p> <p>Description :</p> <p>Suggestion :</p> <p>Solution :</p> |
| Remark 3 | Comment |
| <p>image</p> | |

5 Production information :

| Production steps : | Specifications : |
|----------------------------|--|
| Data check | CAD data preview validation |
| Solder paste deposit | Stencil Printer MPM Ultraprint 1500 Solder paste : Alpha Solder Paste OM338T 771 Alloy : SAC305 No Clean IPC Class III |
| Surface mounting | Essemtec FLX2010 Pick and Place machine |
| Visual inspection | Solder deposit and placed components |
| Reflow soldering | Essemtec RO300FC Forced Convection Reflow Oven Temperature profile : 12 |
| Visual inspection | Solder and surface mounted components based on IPC-A-610C acceptability Class 2 |
| Through-hole mounting | manual |
| Wave soldering | SEHO Go Wave 1030 |
| Selective manual soldering | Solder Alpha SACX Plus 0307, flux cleaner MicroCare Flux Remover C |
| Visual inspection | Solder and through-hole components based on IPC-A-610C acceptability Class 2 |
| Technical edge cutting | CAB Maestro 2M |

Final inspection : OK X