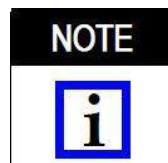


Application Specification AMPFOIL ULTRA CONNECTOR

1. INTRODUCTION

This instruction sheet provides information on the assembly procedures for the AMPFOIL ULTRA CONNECTOR. Representative connector housing is shown in Figure 1. While this instruction sheet depicts only the 40P, it is applicable to other connector sizes (24P/28P/32P/36P) within this family. Applicable FFC cable are FFC1/FFC1 of 24P/28P/32P/36P/40P.



All dimensions on this document are in metric units. Figures and illustrations are for reference only and are not drawn to scale.

Read these instructions carefully before attempting any assembly procedures.

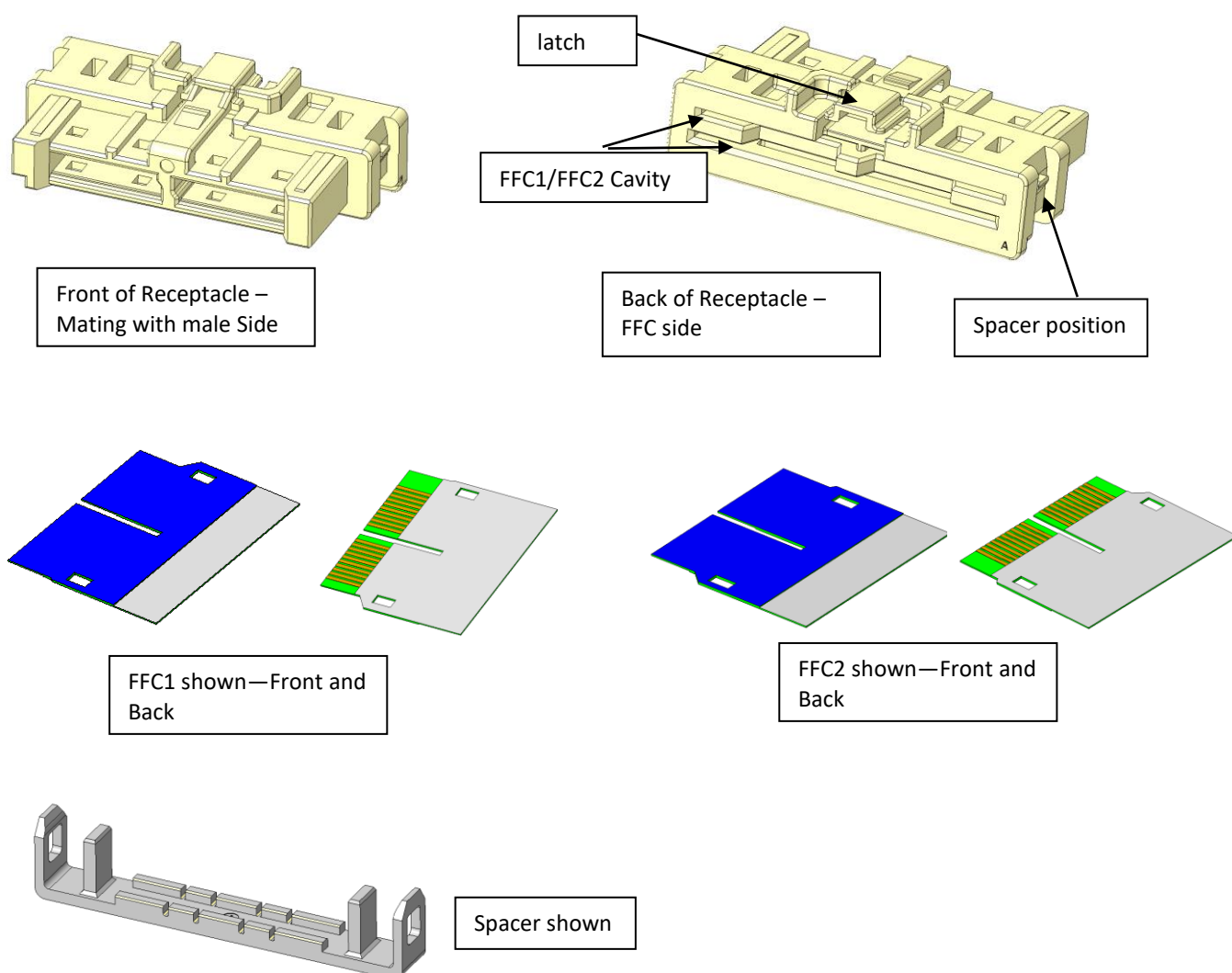


Figure 1

2. DESCRIPTION

Figure 1 provides the components required to make the assembly in this instruction sheet. FFC1/FFC2 are provided from customer, TE only provide the FFC1/FC2 layout information to customer. The connector housings are made from glass content plastic materials.

3. ASSEMBLY PROCEDURES

3.1 FFC1/FFC2 and Rec housing and Spacer housing Assembly

3.1.1 The following procedures provide the details of the FFC1/FFC2 installation into the rec housing. The connector housings are shipped without the FFC1/FFC2 and spacer. See Figure 2. FFC1/FFC2 will only easily go into rec housing in one orientation.

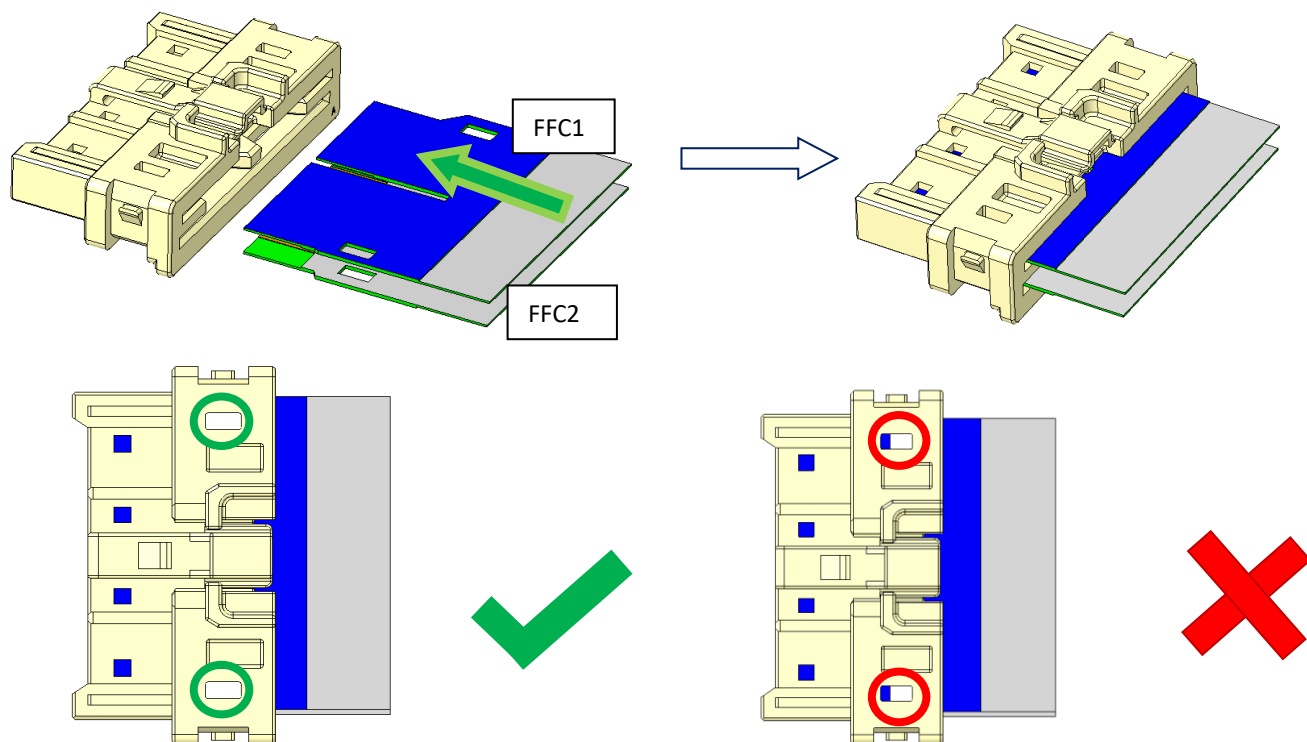
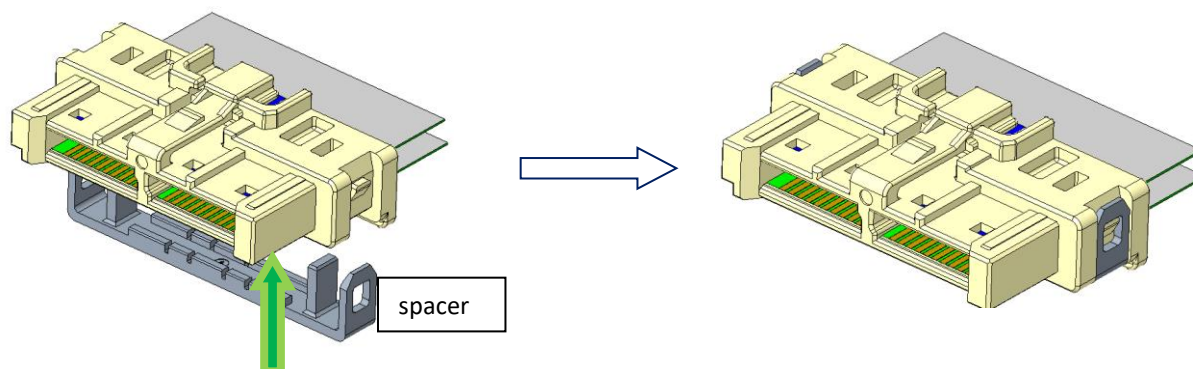


Figure 2

Step1, insert the FFC1/FFC2 cable into the FFC1/FFC2 Cavity of rec housing, the right position means can't see the FFC1/FFC2 cable from the housing hole side.

3.1.2 The following procedures provide the details of the spacer housing installation into the rec housing. See Figure 3. Spacer will only easily go into rec housing in one orientation.



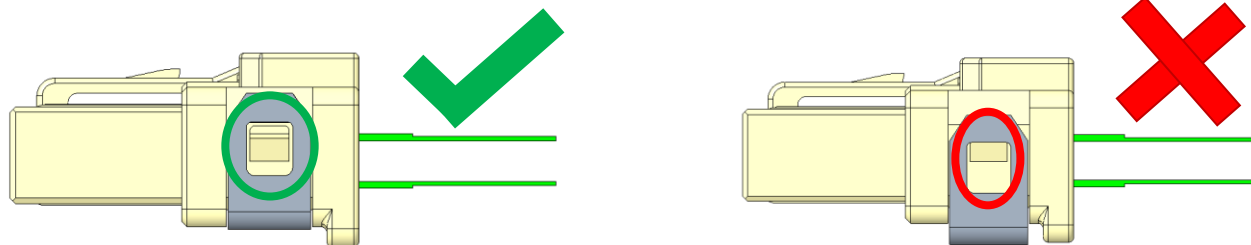


Figure 3

Step2, install the spacer housing into the spacer position of rec housing, the right position means can see the total hook of the rec housing 's both sides.

3.2 Replace FFC cables.

Step1, open the spacer housing by fingers. Step 2, remove the spacer housing, step 3, replace the FFC according to the method of 3.1.1 and 3.1.2. See Figure 4, spacer housing is removed from rec housing.

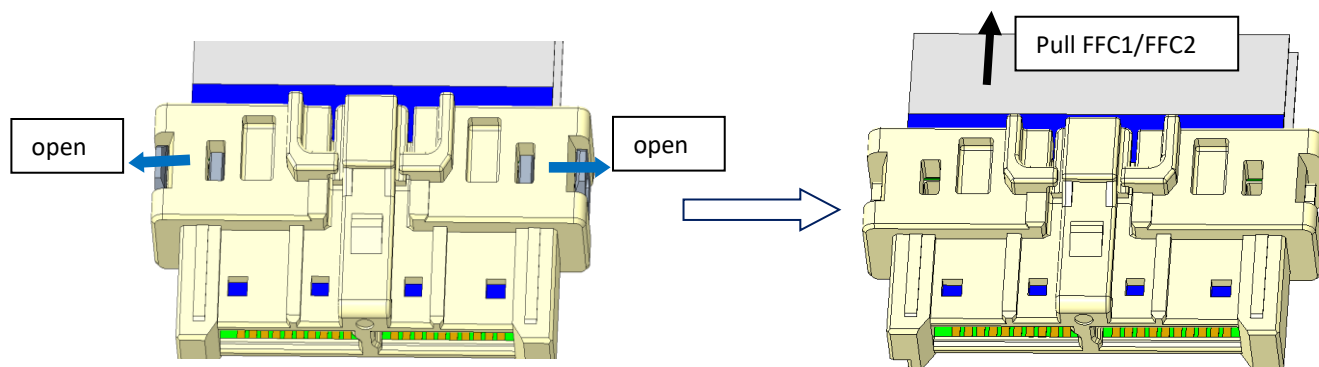


Figure 4

3.3 Header and Receptacle mating and unmating

Press latch down and push and pull rec housing without any damage as Fig 5 shown.

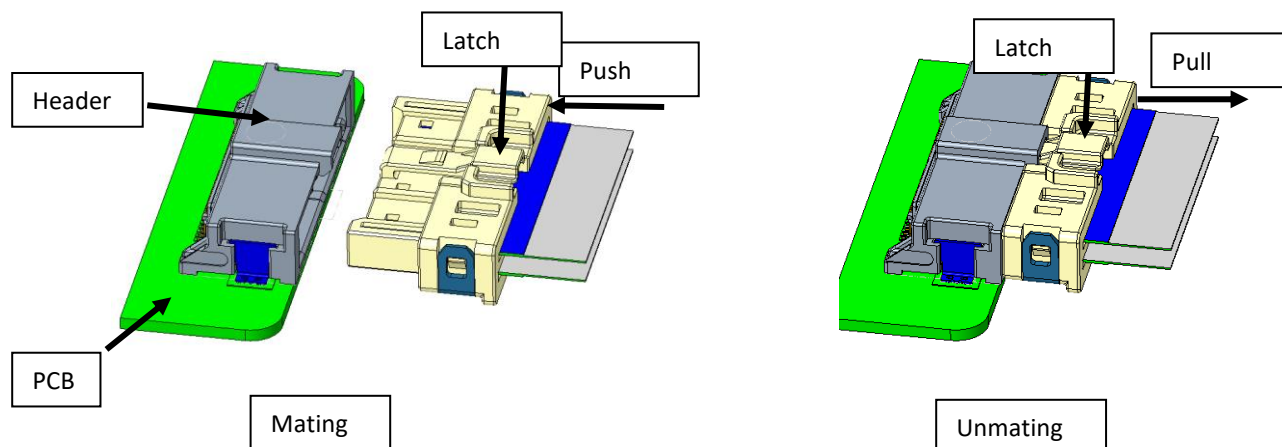


Figure 5