

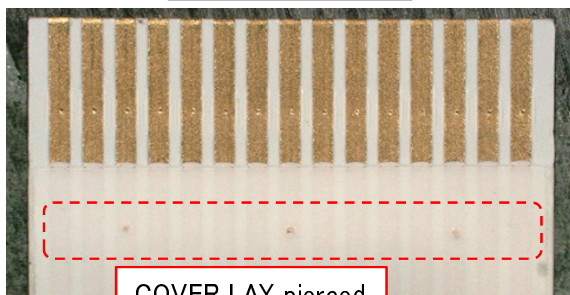
## Checks on returned FFC

**Purpose** To check the appearance and thickness of returned FFC

**P/N** FH41-15S-0.5SH(05) applied FFC

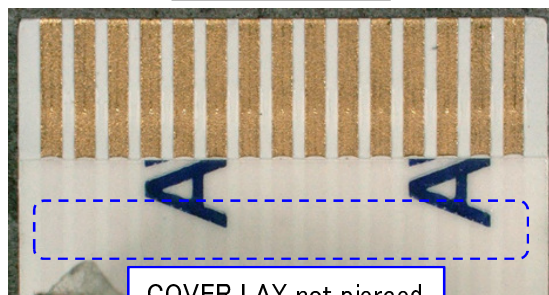
**確認結果** FFC's GND plate is pierced  
The cover lay of FFC on mother board side also  
The GND plate's thickness is only 60% of our recommendation

**Mother board side**

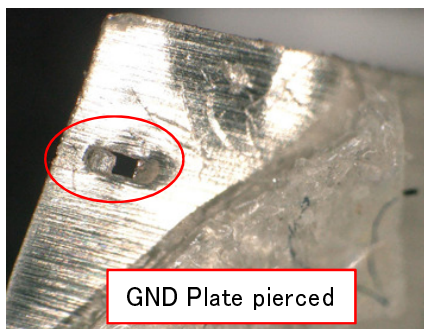


COVER LAY pierced

**AMC board side**



COVER LAY not pierced



GND Plate pierced



GND Plate slightly pierced

GND PLATE thickness unit:  $\mu\text{m}$

|                                         |    |
|-----------------------------------------|----|
| Moter board side                        | 44 |
| AMC board side                          | 43 |
| HRS's recommendation for evaluating use | 72 |

### HRS建議材料疊構

FFC CONFIGURATION (REFERENCE EXAMPLE) (SCALE:FREE)

| MATERIAL NAME                                        | MATERIAL       | TOTAL THICKNESS AT GROUND PLATE ( $\mu\text{m}$ ) | TOTAL THICKNESS AT CONDUCTOR END ( $\mu\text{m}$ ) |
|------------------------------------------------------|----------------|---------------------------------------------------|----------------------------------------------------|
| SHIELDING MATERIAL                                   | POLYESTER TYPE |                                                   |                                                    |
| CONDUCTIVE ADHESIVE                                  |                |                                                   |                                                    |
| COPPER FILM (TIN PLATED)                             |                | 70                                                | 7                                                  |
| ADHESIVE                                             | ACRYLIC TYPE   | 24                                                | 7                                                  |
| BASE MATERIAL                                        | POLYESTER TYPE | 12                                                | 7                                                  |
| ADHESIVE                                             | ACRYLIC TYPE   | 24                                                | 7                                                  |
| INSULATED LAYER                                      | POLYESTER TYPE | 25                                                |                                                    |
| ADHESIVE                                             | POLYESTER TYPE | 35                                                |                                                    |
| SOFT COPPER FILM (NICKEL UNDER PLATED / GOLD PLATED) |                | 35                                                | 35                                                 |
| ADHESIVE                                             | POLYESTER TYPE | 35                                                | 35                                                 |
| INSULATED LAYER                                      | POLYESTER TYPE | 25                                                | 25                                                 |
| ADHESIVE                                             | POLYESTER TYPE | 30                                                | 30                                                 |
| STIFFENER                                            | POLYESTER TYPE | 188                                               | 188                                                |
| TOTAL                                                |                | 503                                               | 313                                                |