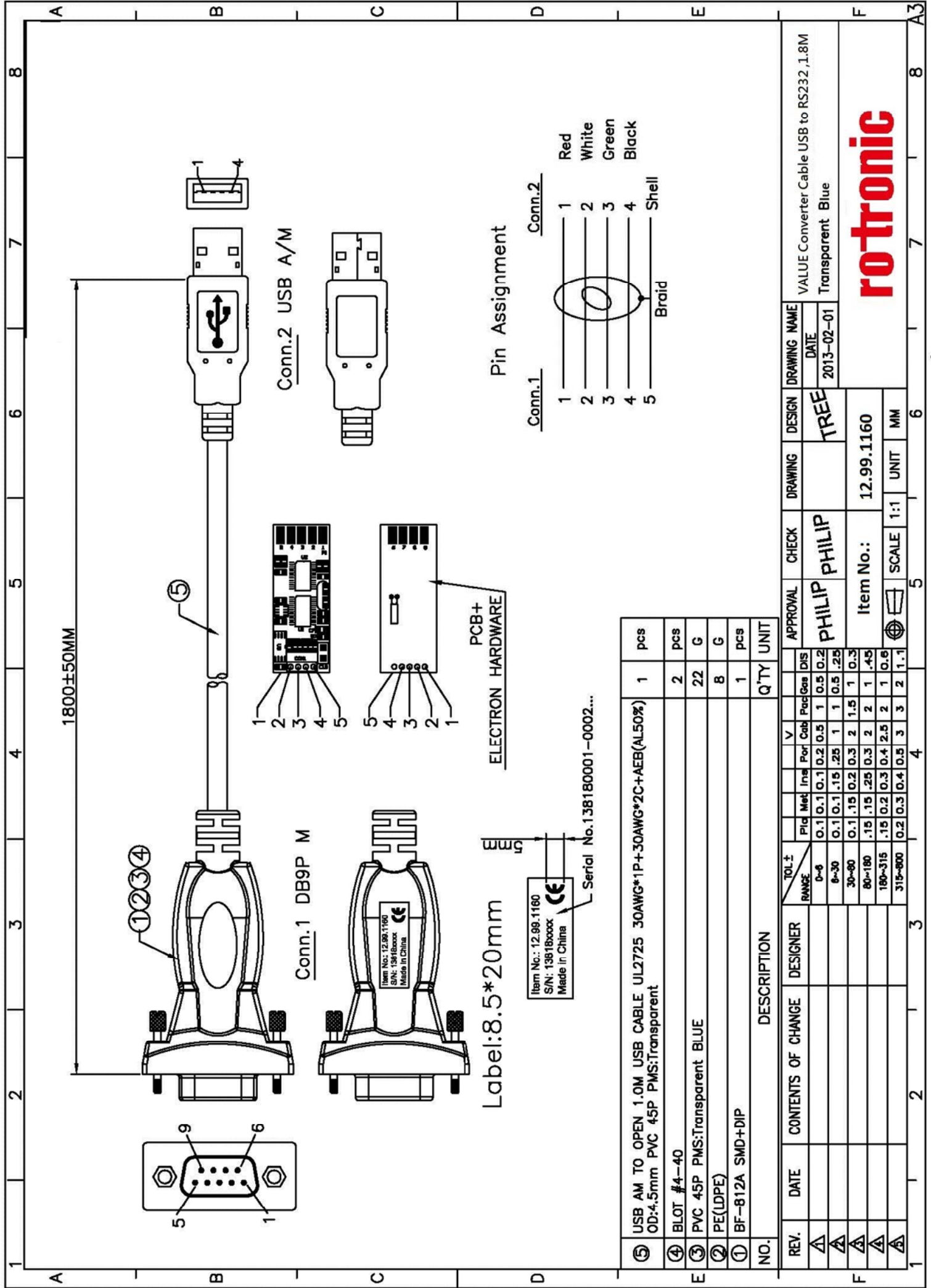




Pin Assignment

| Conn.1 | Conn.2      |
|--------|-------------|
| 1      | 1 Red       |
| 2      | 2 White     |
| 3      | 3 Green     |
| 4      | 4 Black     |
| 5      | Shell Braid |

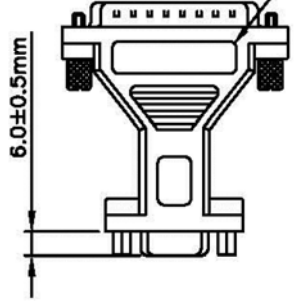
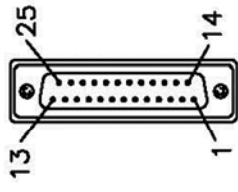
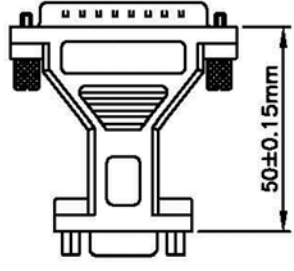
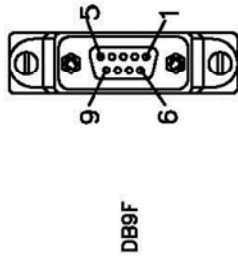
Label: 8.5\*20mm

Item No.: 12.99.1160  
S/N: 138180000  
Made in China

Serial No. 1381800001-0002...

| NO. | DESCRIPTION                                                                                           | Q'TY | UNIT |
|-----|-------------------------------------------------------------------------------------------------------|------|------|
| ⑤   | USB AM TO OPEN 1.0M USB CABLE UL2725 30AWG*1P+30AWG*2C+AEB(AL50%)<br>OD:4.5mm PVC 45P PMS:Transparent | 1    | pcs  |
| ④   | BLOT #4-40                                                                                            | 2    | pcs  |
| ③   | PVC 45P PMS:Transparent BLUE                                                                          | 22   | G    |
| ②   | PE(LDPE)                                                                                              | 8    | G    |
| ①   | BF-812A SMD+DIP                                                                                       | 1    | pcs  |

| REV. | DATE | CONTENTS OF CHANGE | DESIGNER | TOL ±   |      | Pin  | Met  | Ins  | Por | Cab | Pac | Gas  | DIS | APPROVAL  | CHECK  | DRAWING    | DESIGN | DRAWING NAME |  |   |  |
|------|------|--------------------|----------|---------|------|------|------|------|-----|-----|-----|------|-----|-----------|--------|------------|--------|--------------|--|---|--|
|      |      |                    |          | RANGE   |      | 0-6  | 0.1  | 0.1  | 0.2 | 0.5 | 1   | 0.5  | 0.2 |           |        |            |        | DATE         |  |   |  |
| △    |      |                    |          | 6-30    | 0.1  | 0.1  | 0.15 | 0.25 | 1   | 1   | 0.5 | 0.25 |     | PHILIP    | PHILIP |            | TREE   | 2013-02-01   |  |   |  |
| △    |      |                    |          | 30-80   | 0.1  | 0.15 | 0.2  | 0.3  | 2   | 1.5 | 1   | 0.3  |     | Item No.: |        | 12.99.1160 |        |              |  |   |  |
| △    |      |                    |          | 80-180  | 0.15 | 0.15 | 0.25 | 0.3  | 2   | 2   | 1   | 0.45 |     |           | SCALE  | 1:1        | UNIT   | MM           |  |   |  |
| △    |      |                    |          | 180-315 | 0.15 | 0.2  | 0.3  | 0.4  | 2.5 | 2   | 1   | 0.6  |     |           |        |            |        |              |  |   |  |
| △    |      |                    |          | 315-800 | 0.2  | 0.3  | 0.4  | 0.5  | 3   | 3   | 2   | 1.1  |     |           |        |            |        |              |  |   |  |
|      |      |                    |          | 4       |      |      |      |      |     |     |     |      |     | 5         |        | 6          |        |              |  |   |  |
|      |      |                    |          | 3       |      |      |      |      |     |     |     |      |     | 2         |        | 1          |        | 7            |  | 8 |  |



NOTE:  
 1.CONTINUITY TESTING:  
 INSULATION RESISTANCE:10MΩ (MIN)  
 CONDUCTIVE RESISTANCE:1.0Ω (MAX)  
 2.TOOLING FOR DB9F+DB25M:SM2-A925-Z01.  
 TOOLING FOR METAL SCREW:SMT-5622-K01  
 3.ALL MATERIALS ARE RoHS COMPLIANT.

Pin Assignment

|       |       |
|-------|-------|
| DB9F  | DB25M |
| 1     | 8     |
| 2     | 3     |
| 3     | 2     |
| 4     | 20    |
| 5     | 7     |
| 6     | 6     |
| 7     | 4     |
| 8     | 5     |
| 9     | 22    |
| SHELL | SHELL |

|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|------|------|--------------------|----------|---------|-----|-----|-----|-----|-----|-----|-----|-----|--|----------|-----------|------------|--------|------------------------------------------|--|
| REV. | DATE | CONTENTS OF CHANGE | DESIGNER | TOL. ±  |     |     |     |     |     |     |     |     |  | APPROVAL | CHECK     | DRAWING    | DESIGN | DRAWING NAME                             |  |
|      |      |                    |          | RANGE   |     |     |     |     |     |     |     |     |  |          |           |            |        | DATE                                     |  |
| A    |      |                    |          | 0-6     | 0.1 | 0.1 | 0.1 | 0.2 | 0.5 | 1   | 0.5 | 0.2 |  | PHILIP   | PHILIP    |            | TREE   | VALUE Converter Cable USB to RS232 ,1.8M |  |
| A    |      |                    |          | 6-30    | 0.1 | 0.1 | .15 | .25 | 1   | 1   | 0.5 | .25 |  |          |           |            |        | Transparent Blue                         |  |
| A    |      |                    |          | 30-60   | 0.1 | .15 | 0.2 | 0.3 | 2   | 1.5 | 1   | 0.3 |  |          |           |            |        |                                          |  |
| A    |      |                    |          | 80-180  | .15 | .15 | .25 | .3  | 2   | 2   | 1   | .45 |  |          | Item No.: | 12.99.1160 |        |                                          |  |
| A    |      |                    |          | 180-315 | .15 | 0.2 | 0.3 | 0.4 | 2.5 | 2   | 1   | 0.6 |  |          |           |            |        |                                          |  |
| A    |      |                    |          | 315-800 | 0.2 | 0.3 | 0.4 | 0.5 | 3   | 3   | 2   | 1.1 |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |
|      |      |                    |          |         |     |     |     |     |     |     |     |     |  |          |           |            |        |                                          |  |