

| 1   |                          |                               | 2                           |                    |                             | 3                 |                          |          | 4  |      |      |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
|---|--------------------------|-------------------------------|-----------------------------|--------------------|-----------------------------|-------------------|--------------------------|----------|----|------|------|----------|-----|-------------------------------|-----------------------------|--|---|-------|--------------|--|-----------------|-------------|-----------------------------|----------------|---|---|---|--|--|---------------------------|--|-----|----------|-----------------|--|--|-----|----------|-----------------|--|--|---------------------|--|--|--|-------|----------|---------|----------|----------|----------------|--|--|--|--------------------|--------------------|-------------------|------------------|--|--|--|--|--|----------|----------|----------|----------|--|
| COUNT   | DESCRIPTION OF REVISIONS |                               | BY                          | CHKD               | DATE                        | COUNT             | DESCRIPTION OF REVISIONS |          | BY | CHKD | DATE |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
| △△△   |                          |                               |                             |                    | ..                          | △△△               |                          |          |    |      | ..   |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
| △△△   |                          |                               |                             |                    | ..                          | △△△               |                          |          |    |      | ..   |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
| △△△   |                          |                               |                             |                    | ..                          | △△△               |                          |          |    |      | ..   |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
| RECOMMENDED PC BOARD<br>PATTERN DRAWING (5:1)   |                          |                               |                             |                    |                             |                   |                          |          |    |      |      |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
|   |                          |                               |                             |                    |                             |                   |                          |          |    |      |      |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
|   |                          |                               |                             |                    |                             |                   |                          |          |    |      |      |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
|   |                          |                               |                             |                    |                             |                   |                          |          |    |      |      |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
| <p>NOTE 1. THE QUANTITY OF E.FL-LR-SMT(01) IS 100 CONNECTORS PER PACK.</p> <p>2. ENGAGEMENT SIDE SHOULD BE PLACED IN 0.3mm MAX. FROM THE EDGE OF PCB WHEN MOUNTED ON PCB.</p> <p>3. LEAD CO-PLANARITY TO BE 0.1 MAX.</p>  |                          |                               |                             |                    |                             |                   |                          |          |    |      |      |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2</td> <td>LCP</td> <td colspan="3">(BLACK) UL94V-0</td> <td>3</td> <td>BRASS</td> <td colspan="3">GOLD PLATING</td> </tr> <tr> <td>1</td> <td>PHOSPHOR BRONZE</td> <td colspan="3">SILVER PLATING</td> <td></td> <td></td> <td colspan="3"></td> </tr> <tr> <td>NO.</td> <td>MATERIAL</td> <td colspan="3">FINISH, REMARKS</td> <td>NO.</td> <td>MATERIAL</td> <td colspan="3">FINISH, REMARKS</td> </tr> <tr> <td colspan="4">CODE NO.(OLD)<br/>CL</td> <td>DRAWN</td> <td>DESIGNED</td> <td>CHECKED</td> <td>APPROVED</td> <td>RELEASED</td> </tr> <tr> <td colspan="4">RoHS COMPLIANT</td> <td><i>y. Sugiyama</i></td> <td><i>T. Katayama</i></td> <td><i>K. Shimizu</i></td> <td><i>J. Nitani</i></td> <td></td> </tr> <tr> <td colspan="4"></td> <td>06.06.02</td> <td>06.06.02</td> <td>06.06.05</td> <td>06.06.03</td> <td></td> </tr> </table> |                          |                               |                             |                    |                             |                   |                          |          |    |      |      | 2        | LCP | (BLACK) UL94V-0               |                             |  | 3 | BRASS | GOLD PLATING |  |                 | 1           | PHOSPHOR BRONZE             | SILVER PLATING |   |   |   |  |  |                           |  | NO. | MATERIAL | FINISH, REMARKS |  |  | NO. | MATERIAL | FINISH, REMARKS |  |  | CODE NO.(OLD)<br>CL |  |  |  | DRAWN | DESIGNED | CHECKED | APPROVED | RELEASED | RoHS COMPLIANT |  |  |  | <i>y. Sugiyama</i> | <i>T. Katayama</i> | <i>K. Shimizu</i> | <i>J. Nitani</i> |  |  |  |  |  | 06.06.02 | 06.06.02 | 06.06.05 | 06.06.03 |  |
| 2   | LCP                      | (BLACK) UL94V-0               |                             |                    | 3                           | BRASS             | GOLD PLATING             |          |    |      |      |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
| 1   | PHOSPHOR BRONZE          | SILVER PLATING                |                             |                    |                             |                   |                          |          |    |      |      |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
| NO.   | MATERIAL                 | FINISH, REMARKS               |                             |                    | NO.                         | MATERIAL          | FINISH, REMARKS          |          |    |      |      |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
| CODE NO.(OLD)<br>CL   |                          |                               |                             | DRAWN              | DESIGNED                    | CHECKED           | APPROVED                 | RELEASED |    |      |      |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
| RoHS COMPLIANT  |                          |                               |                             | <i>y. Sugiyama</i> | <i>T. Katayama</i>          | <i>K. Shimizu</i> | <i>J. Nitani</i>         |          |    |      |      |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
|   |                          |                               |                             | 06.06.02           | 06.06.02                    | 06.06.05          | 06.06.03                 |          |    |      |      |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="2">TO<br/>RF</td> <td rowspan="2">F</td> <td rowspan="2">DRAWING NO.<br/>EDC4-131127-01</td> <td colspan="6">PART NO.<br/>E.FL-LR-SMT(01)</td> </tr> <tr> <td>SCALE<br/>10 : 1</td> <td>UNITS<br/>mm</td> <td>CODE NO.<br/>CL331-0422-4-01</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td colspan="2"> </td> <td colspan="6">HIROSE ELECTRIC CO., LTD.</td> </tr> </table>  |                          |                               |                             |                    |                             |                   |                          |          |    |      |      | TO<br>RF | F   | DRAWING NO.<br>EDC4-131127-01 | PART NO.<br>E.FL-LR-SMT(01) |  |   |       |              |  | SCALE<br>10 : 1 | UNITS<br>mm | CODE NO.<br>CL331-0422-4-01 | 1              | 1 | 1 | 1 |  |  | HIROSE ELECTRIC CO., LTD. |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
| TO<br>RF  | F                        | DRAWING NO.<br>EDC4-131127-01 | PART NO.<br>E.FL-LR-SMT(01) |                    |                             |                   |                          |          |    |      |      |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
|   |                          |                               | SCALE<br>10 : 1             | UNITS<br>mm        | CODE NO.<br>CL331-0422-4-01 | 1                 | 1                        | 1        | 1  |      |      |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |
|   |                          | HIROSE ELECTRIC CO., LTD.     |                             |                    |                             |                   |                          |          |    |      |      |          |     |                               |                             |  |   |       |              |  |                 |             |                             |                |   |   |   |  |  |                           |  |     |          |                 |  |  |     |          |                 |  |  |                     |  |  |  |       |          |         |          |          |                |  |  |  |                    |                    |                   |                  |  |  |  |  |  |          |          |          |          |  |