

|                                                                                 |       |                          |     |      |          |  |       |                          |    |      |      |
|---------------------------------------------------------------------------------|-------|--------------------------|-----|------|----------|--|-------|--------------------------|----|------|------|
|                                                                                 | COUNT | DESCRIPTION OF REVISIONS | BY  | CHKD | DATE     |  | COUNT | DESCRIPTION OF REVISIONS | BY | CHKD | DATE |
|  | 13    | RE-6-3467                | LGO | JHW  | 24.02.22 |  |       |                          |    |      |      |

APPLICABLE STANDARD

|        |                             |                                                                                              |                           |                          |
|--------|-----------------------------|----------------------------------------------------------------------------------------------|---------------------------|--------------------------|
| RATING | OPERATING TEMPERATURE RANGE | -55℃ TO +85℃(note1)                                                                          | STORAGE TEMPERATURE RANGE | -10℃ TO +60℃             |
|        | VOLTAGE                     |  50 V AC/DC | APPLICABLE CONNECTOR      | BK13C06-50DS/2-0.35V(**) |
|        | CURRENT                     | SIGNAL CONTACT 0.3A(note2)<br>POWER CONTACT 5.0A                                             |                           |                          |

SPECIFICATIONS

|      |             |              |    |    |
|------|-------------|--------------|----|----|
| ITEM | TEST METHOD | REQUIREMENTS | QT | AT |
|------|-------------|--------------|----|----|

CONSTRUCTION

|                     |                                                 |                       |   |   |
|---------------------|-------------------------------------------------|-----------------------|---|---|
| GENERAL EXAMINATION | CONFIRMED VISUALLY AND BY MEASURING INSTRUMENT. | ACCORDING TO DRAWING. | X | X |
| MARKING             | CONFIRMED VISUALLY.                             |                       | X | X |

ELECTRICAL CHARACTERISTICS

|                       |                                                                                                     |                                                                                                                                                                                                                           |   |   |
|-----------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| CONTACT RESISTANCE    | 20mV AC OR LESS 1kHz, 1mA                                                                           |  SIGNAL CONTACT : 50mΩ MAX<br> POWER CONTACT : 15mΩ MAX | X | - |
| INSULATION RESISTANCE | 100V DC                                                                                             | 50MΩ MIN                                                                                                                                                                                                                  | X | - |
| VOLTAGE PROOF         |  150V AC FOR 1min. | NO FLASHOVER OR BREAKDOWN                                                                                                                                                                                                 | X | - |

MECHANICAL CHARACTERISTICS

|                      |                                                                                                                        |                                                                                                                                                                                                                                                                                                 |   |   |
|----------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| MECHANICAL OPERATION |  30 TIMES INSERTIONS AND EXTRACTIONS. | ① CONTACT RESISTANCE:<br> SIGNAL CONTACT : 50mΩ MAX<br> POWER CONTACT : 15mΩ MAX<br>② NO DAMAGE, CRACK OR LOOSENESS OF PATRS. | X | - |
| VIBRATION            | FREQUENCY 10 TO 55 TO 10 Hz, APPROX 5min<br>SINGLE AMPLITUDE 0.75mm, 10CYCLES,<br>FOR 3 DIRECTIONS.                    | ① NO ELECTRICAL DISCONTINUITY OF 1μs.<br>② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.                                                                                                                                                                                                              | X | - |
| SHOCK                | 490 m/s² DURATION OF PULSE 11ms AT 3 TIMES<br>FOR 3 DIRECTIONS.                                                        | ① NO ELECTRICAL DISCONTINUITY OF 1μs.<br>② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.                                                                                                                                                                                                              | X | - |

ENVIRONMENTAL CHARACTERISTICS

|                             |                                                                                                              |                                                                                                                                                                                                                                                                                                                                           |   |   |
|-----------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| RAPID CHANGE OF TEMPERATURE | TEMPERATURE -55 → +85℃<br>TIME 30 → 30 min<br>UNDER 5 CYCLES.<br>(RELOCATION TIME TO CHAMBER: WITHIN2~3 MIN) | ① CONTACT RESISTANCE:<br> SIGNAL CONTACT : 50mΩ MAX<br> POWER CONTACT : 15mΩ MAX<br>② INSULATION RESISTANCE : 50MΩ MIN<br>③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X | - |
| DAMP HEAT (STEADY STATE)    | EXPOSED AT 40±2℃, 90 TO 95%, 96h.                                                                            | ① CONTACT RESISTANCE:<br> SIGNAL CONTACT : 50mΩ MAX<br> POWER CONTACT : 15mΩ MAX<br>② INSULATION RESISTANCE : 25MΩ MIN<br>③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X | - |
| SULPHUR DIOXIDE             | EXPOSED IN 25 PPM FOR 96h, 25℃, 75±5%RH.<br>(Test standard : JIS C 60068)                                    | ① CONTACT RESISTANCE:<br> SIGNAL CONTACT : 50mΩ MAX<br> POWER CONTACT : 15mΩ MAX<br>② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.                                       | X | - |

REMARKS

|                                                                                                                                                                     |                                   |                                      |                                   |                                    |                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------|
| Note 1 : INCLUDE THE TEMPERATURE RISING BY CURRENT.<br>Note 2 : MAX 12A AT TOTAL PIN CONTACTS.<br><br>Unless otherwise specified, refer to JIS C 5402 and IEC 60512 | DRAWN<br>H.K.JEON<br><br>20.02.19 | DESIGNED<br>H.K.JEON<br><br>20.02.19 | CHECKED<br>H.W.JO<br><br>20.02.19 | APPROVED<br>H.W.JO<br><br>20.02.19 | RELEASED<br> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------|

Note QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST

|                       |                     |                                       |
|-----------------------|---------------------|---------------------------------------|
| HIROSE KOREA CO.,LTD. | SPECIFICATION SHEET | PART NO.<br>BK13C06-50DP/2-0.35V(800) |
|-----------------------|---------------------|---------------------------------------|

|               |                               |                                |        |
|---------------|-------------------------------|--------------------------------|--------|
| CODE NO.(OLD) | DRAWING NO.<br>ELC3-632996-80 | CODE NO.<br>CL 6665-0033-4-800 | 1<br>1 |
|---------------|-------------------------------|--------------------------------|--------|