|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **TEST NAME** | | | | | | |
| Base Resistor Test (R3) | | | | | | |
| **TEST NO\*** | | T8 | | **UUT PN** | | 04B-005 |
| **LAST TEST NO** | | T7 | | **TEST TYPE** | | STATIC |
|  | | | | | | |
| **TEST DESCRIPTION** | | | | | | |
| Measure resistance. A determination of IN TOLERANCE indicates that the resistance of R3 is as expected. It is possible that parts selected for R2, C4 and Q1 can cause the measurement to be skewed. | | | | | | |
|  | | | | | | |
| **TEST SETUP** | | | | | | |
| **POWER** | | | | | | |
| None | | | | | | |
| **STIMULI** | | | | | | |
| None | | | | | | |
| **MEASUREMENT** | | | | | | |
| Resistance measurement with handheld meter. | | | | | | |
|  | | | | |  | |
| Click or tap here to enter text. | | | | | Click or tap here to enter text. | |
| **SIGNAL PIN** | TP6 | | **INSTRUMENT** | | Fluke 87 | |
| **RETURN PIN** | TP4 | | **INSTRUMENT ACCURACY** | | N/A | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ACCEPTANCE CRITERIA** | | | | | | | | |
| **PARAMETER** | | | **LOWER LIMIT** | **TARGET VALUE** | | **UPPER LIMIT** | **UNITS** | |
| Resistance | | | R3min | R3 | | R3max | OHMS | |
|  | | | | | | | | |
| **TEST RESULTS** | | | | | | | |
| **RESULT** | **NEXT STEP** | **ADJUST** | | | **REPLACE** | | |
| IN TOLERANCE | T9 | N/A | | | N/A | | |
| OOT HIGH | END FAIL | N/A | | | R3 | | |
| OOT LOW | END FAIL | N/A | | | R3 | | |
| OOT HIGH AND UNABLE TO ADJUST | N/A | N/A | | | N/A | | |
| OOT LOW AND UNABLE TO ADJUST | N/A | N/A | | | N/A | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Form Controls** | | | | |
|  | |  |  |  |
| Log Entry Key | 20221128010436 | | | |
| Computer ID |  | | | |
| User ID |  | | | |
| Date Time |  | | | |
| PDF |  | | | |