|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **TEST NAME** | | | | | | |
| Input Signal Short Circuit Test | | | | | | |
| **TEST NO\*** | | T3 | | **UUT PN** | | 04B-005 |
| **LAST TEST NO** | | T2 | | **TEST TYPE** | | STATIC |
|  | | | | | | |
| **TEST DESCRIPTION** | | | | | | |
| Measure resistance between the signal input pin and ground pin. | | | | | | |
|  | | | | | | |
| **TEST SETUP** | | | | | | |
| **POWER** | | | | | | |
| None | | | | | | |
| **STIMULI** | | | | | | |
| None | | | | | | |
| **MEASUREMENT** | | | | | | |
| Resistance measurement with a handheld multimeter. | | | | | | |
|  | | | | |  | |
| Click or tap here to enter text. | | | | | Click or tap here to enter text. | |
| **SIGNAL PIN** | TP1 | | **INSTRUMENT** | | Fluke 87 | |
| **RETURN PIN** | TP4 | | **INSTRUMENT ACCURACY** | | N/A | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ACCEPTANCE CRITERIA** | | | | | | | | |
| **PARAMETER** | | | **LOWER LIMIT** | **TARGET VALUE** | | **UPPER LIMIT** | **UNITS** | |
| Resistance | | | 100 | INF | | INF | OHMS | |
|  | | | | | | | | |
| **TEST RESULTS** | | | | | | | |
| **RESULT** | **NEXT STEP** | **ADJUST** | | | **REPLACE** | | |
| IN TOLERANCE | T4 | N/A | | | N/A | | |
| OOT HIGH | N/A | N/A | | | N/A | | |
| OOT LOW | Test # | Click or tap here to enter text. | | | Click or tap here to enter text. | | |
| 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 | 20221127224053 | | | |
| Computer ID |  | | | |
| User ID |  | | | |
| Date Time |  | | | |
| PDF |  | | | |