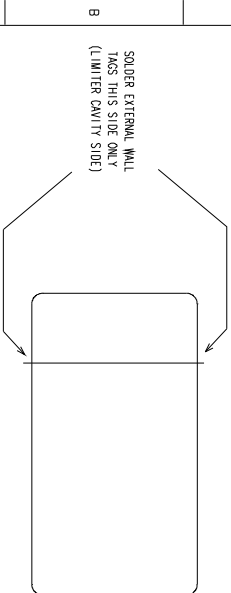


USED ON: 4346-XXX

NOTES :

1. SOLDER THE SCREEN CAN INTERNAL WALL TO THE EXTERNAL WALL AS SHOWN BELOW. THE TOP FACE OF THE INTERNAL WALL SHOULD BE FLUSH WITH THE TOP FACE OF THE OUTER SCREENING CAN.

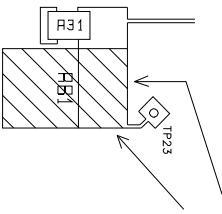
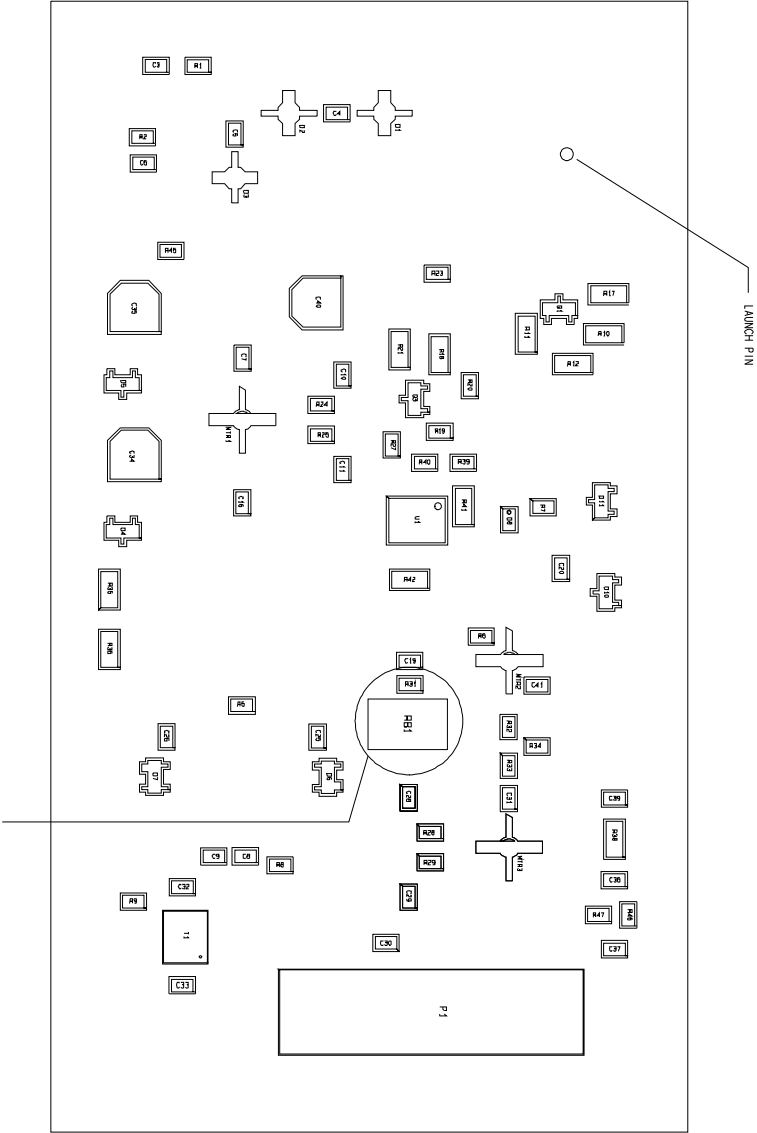


SOLDER EXTERNAL WALL  
TAPS THIS SIDE ONLY  
(LIMITER CAVITY SIDE)

2. PLACE SCREEN CAN ON PCB AND SOLDER TAPS ON THE NON-COMPONENT SIDE. ENSURE SOLDER DOES NOT FLOW BEYOND THE 'GOLD GOUS' IN THE GROUND PLANE.  
3. THE WIDE GROUND TAPS OF D1,2,3 AND MTR1,2,3 MUST NOT OVERHANG THE GROUND TRACKING ONCE ASSEMBLED.  
4. AT LEAST ONE VIA EITHER SIDE OF D1,2,3 AND MTR1,2,3 MUST BE FILLED, INDICATING AN ACCEPTABLE SOLDER JOINT NEAR THE BODY OF THE DEVICES.  
5. RIV TSE387C IS USED TO ATTACH THE RAM BLOCK 3011-073.

SURFACE MOUNT COMPONENTS

|     |              |    |                                                    |
|-----|--------------|----|----------------------------------------------------|
| 1   | 3015-140     | 1  | P.C.B DETAIL                                       |
| 2   | 91027K       | 1  | RESISTOR 0805 1K 5% 0.1W                           |
| 3   | 910270K      | 6  | RESISTOR 0805 10K 5% 0.1W                          |
| 4   | 9102700R     | 2  | RESISTOR 0805 100K 5% 0.1W                         |
| 5   | 910270R      | 3  | RESISTOR 0805 10K 5% 0.1W                          |
| 6   | 9102338U     | 4  | RESISTOR 0805 330U 5% 0.1W                         |
| 7   | 910247R      | 7  | RESISTOR 0805 47R 5% 0.1W                          |
| 8   | 9102688U     | 1  | RESISTOR 0805 680U 5% 0.1W                         |
| 9   | 910310K      | 2  | RESISTOR 1206 10K 1% 0.125W                        |
| 10  | 9103270R     | 1  | RESISTOR 1206 270R 1% 0.125W                       |
| 11  | 91035K6      | 2  | RESISTOR 1206 5K6 1% 0.125W                        |
| 12  | 91060R0      | 1  | RESISTOR 1206 60R 0.125W                           |
| 13  | 910612K      | 1  | RESISTOR 1206 12K 5% 0.125W                        |
| 14  | 9106220K     | 2  | RESISTOR 1206 220K 5% 0.125W                       |
| 15  | -            | -  | -                                                  |
| 16  | 9106K7       | 1  | RESISTOR 1206 2K7 5% 0.125W                        |
| 17  | 9106K7       | 1  | RESISTOR 1206 4K7 5% 0.125W                        |
| 18  | 9300100P     | 8  | CAPACITOR 0805 1000P 2% C10,11,19,28,29,36,37,39   |
| 19  | 93010P5      | 14 | CAPACITOR 0805 0.05F 5% 50V C3-9,16,20,26,30,31,41 |
| 20  | 930139P      | 2  | CAPACITOR 0805 39P 5% 50V C32,33                   |
| 21  | 932410U      | 3  | CAPACITOR EEE-VIC1005R 10U 20% 16V C34,35,40       |
| 22  | 92008A516    | 1  | DIODE SOT23 BAS16 D4                               |
| 23  | 92008A099    | 2  | DIODE SOT23 BA099 D10,11                           |
| 24  | 92039K5C3800 | 1  | DIODE SOT23 5S9K3800-L3T D6                        |
| 25  | 92008A114    | 2  | DIODE SOT143 BA114-099 D6,7                        |
| 26  | 92089A614    | 1  | DIODE LOW POWER LIMITER G247293-186 D3             |
| 27  | 92050A014    | 1  | DIODE HIGH POWER LIMITER G247292-186 D1            |
| 28  | 92050A014    | 1  | DIODE MEDIUM POWER LIMITER MSV34-089-0805 D2       |
| 29  | 92050A014    | 1  | DIODE MEDIUM POWER LIMITER G247361-186 D1,3        |
| 30  | 95008SR18A   | 2  | TRANSISTOR 5073 BSR18A MTR1-3                      |
| 31  | 95008SR18A   | 3  | TRANSISTOR 5073 BSR18A MTR1-3                      |
| 32  | 9400431      | 1  | IC TL431C S08 U1                                   |
| 33  | 960081F1     | 1  | TRANSFORMER CHIP M261-A T1                         |
| 34  | 9600C110     | 1  | CONNECTOR 20WAY CLH-110-F-DV-TR P1                 |
| 35  | 3011-073     | 1  | RAM BLOCK                                          |
| 36  | 4346-021     | 1  | SCREEN CAN FRAME ASSEMBLY                          |
| 37  | 42002        | 1  | RIV TSE387C                                        |
| 38  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 39  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 40  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 41  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 42  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 43  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 44  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 45  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 46  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 47  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 48  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 49  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 50  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 51  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 52  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
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| 90  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 91  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
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| 93  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
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| 95  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 96  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 97  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 98  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 99  | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |
| 100 | 3034-010P    | 1  | LAUNCH PIN ASSEMBLY                                |



| ITEM | DESCRIPTION OF CHANGE          | DATE |
|------|--------------------------------|------|
| H    | DO NOT SCALE - IF IN DOUBT ASK |      |
| G    | DO NOT SCALE - IF IN DOUBT ASK |      |
| F    | DO NOT SCALE - IF IN DOUBT ASK |      |
| E    | DO NOT SCALE - IF IN DOUBT ASK |      |
| D    | DO NOT SCALE - IF IN DOUBT ASK |      |
| C    | DO NOT SCALE - IF IN DOUBT ASK |      |
| B    | DO NOT SCALE - IF IN DOUBT ASK |      |
| A    | DO NOT SCALE - IF IN DOUBT ASK |      |

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100% UNLESS OTHERWISE STATED.

SCALE: 1:1

DATE: 27.08.2019

BY: 4346-006

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