# TD - Engineering Fabrication Component Kit List

**Process Engineering**

| | |
|---|---|
| Component Serial No. | RKAA006 |
| Kit submitted by: | Bob Jensen |
| Fermi ID No. | 315 |
| Date submitted: | 11-Apr-11 |
| Need date: | 13-Apr-11 |
| Deliver to: | IB#2 |
| Use with Traveler No. | TR-338857 |
| Job No. | 459 |
| M&S task number: | 425 2.0.1.2.1 |
| Drawing Title: | RKA 50 OHM Horizontal Potting |
| Drawing No. | ME-457703 B |

**Material Control**

**Parts available**

| | |
|---|---|
| Verified by: | |
| Fermi ID No. | 4698 |
| Date submitted to stockroom: | 4-12-11 |

**Parts issued**

| | |
|---|---|
| Issued by: | JB RE |
| Fermi ID No. | |
| Date issued: | 4/14/11 |
| Parts received by E&F: | Bob Jensen |
| Fermi ID No. | 0315 |
| Date received by E&F: | 4/14/2011 |

| | Description | Dwg Size | Number | Rev | Unit | Quantity Required | Location | Quantity Issued | E&F Verified | Routing Form Number | Spares Number / Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | General Electric RTV157 | MA | 318765 | | ea | 2 | 8A7 | 2 | ✓ | 89217 | SP 76-0747 15 STK |
| 2 | Dow Corning Sylgard 184 Silicone | MA | 393599 | | gl | 7 | 3E | 7 | ✓ | 5-90582 2-92569 | 131 STK |
| 3 | Load Receptacle Block | MC | 442894 | C | ea | 2 | R1,S3,L2 | 2 | ✓ | 90227 | 25 STK |
| 4 | Kicker Ferrite | MC | 457006 | C.I ~~B~~ | ea | 27 | R8,1,3 | 11 | ✓ | 89747 | 45 STK |
| 5 | Sylgard 2.79 Kicker Capacitor Divider | MD | 457011 | B | ea | 2 | R8,1,3 | 2 | ✓ | 90338 | 12 STK |
| 6 | Sylgard High Voltage Bus | MD | 457151 | | ea | 1 | — | — | — | — | APR AD to Supply |
| 7 | Ferrite Stops | MD | 457160 | C | ea | 2 | R7,S1,L1 | 2 | ✓ | 92296 | 12 STK |
| 8 | SHCS #8-32 x 0.75" lg | MA | 457199 | | ea | 40 | 23C4 | 40 | ✓ | 91954 | 345 STK |
| 9 | Low Voltage Bus | MD | 457363 | A | ea | 1 | R2,2,2 | 1 | ✓ | 90229 | 4 STK |
| 10 | End Filler Block | MB | 457377 | B | ea | 4 | R5,2 | 4 | ✓ | 2-90226 2-92076 | 26 STK |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | Precision Shoulder Screw 0.188 x 0.500" lg | MA | 457653 | | ea | 6 | 24B5 | 6 | ✓ | 90162 | 36 STK |
| 12 | Lock Washer #8 | MA | 457662 | | ea | 64 | 23A6 | 64 | ✓ | 90141 | 516 STK |
| 13 | Lock Washer #10 | MA | 457663 | | ea | 30 | 25B2 | 30 | ✓ | 1-92555 59-89681 | 256 STK |
| 14 | Shim Washer 0.206ID x 0.310OD x 0.02 | MA | 457665 | | ea | 8 | 24C7 | 8 | ✓ | 92556 | 81 STK |
| 15 | SHCS 0.250"-20 x 0.88" lg | MA | 457709 | | ea | 24 | 8B4 | 24 | ✓ | 90143 | 187 STK |
| 16 | Precision Shoulder Screw 0.188" x 1.0" lg | MA | 457880 | | ea | 8 | 24D8 | 8 | ✓ | 90144 | 48 STK |
| 17 | Contact Band Male | MB | 458198 | A | ea | 4 | 26 E3 | 4 | ✓ | 91916 | 42 STK |
| 18 | Ferrite Angled Top Spacer Block | MC | 458306 | C | ea | 2 | R5,L2 | 2 | ✓ | 90313 | 12 STK |
| 20 | SHCS #8-32 x 2.0" lg | MA | 458720 | | ea | 16 | 23B2 | 16 | ✓ | 90146 | 100 STK |
| 21 | SHCS #8-32 x 1.0" lg | MA | 458721 | | ea | 16 | 23B4 | 16 | ✓ | 90147 | 108 STK |
| 22 | SHCS #8-32 x 1.75" lg | MA | 458728 | | ea | 4 | 25A2 | 4 | ✓ | 90148 | 52 STK |
| 23 | Magnet Case Assy | MC | 459046 | E | ea | 1 | R12,L3 | 1 | ✓ | 90411 | 5 STK |
| 24 | Dow Corning Silicone High Vacuum Grease Compound #976V | MA | 459088 | | ea | 1 | 8D8 | 1 | ✓ | 88623 | 11 STK |
| 26 | Mann ER200 Mold Release Agent | MA | 459089 | | ea | — | IB#4 | Do Not Issue | — | — | |
| 27 | Dow Corning 1200 OS Primer Clear | MA | 459259 | | ea | — | | Do Not Issue | — | — | |
| 28 | SHCS 1/4" -20 x 1/2" SS | MA | 393179 | | ea | 8 | 23B2 | 8 | ✓ | 79629 | 65 STK ~~Fermi Stk 1226-0500~~ |
| 29 | Flat Washer 1/4" SS | MA | 176439 | | ea | 8 | R2,3,2 | 8 | ✓ | 92552 | 104 STK |
| 30 | Cap Plug | MA | 225146 | | ea | 2 | MSR2,2,3 | 2 | ✓ | N/A | 209 STK |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | Plug | MA | 459449 | | ea | 4 | DNE | Do Not Issue | — | — | 44 STK |