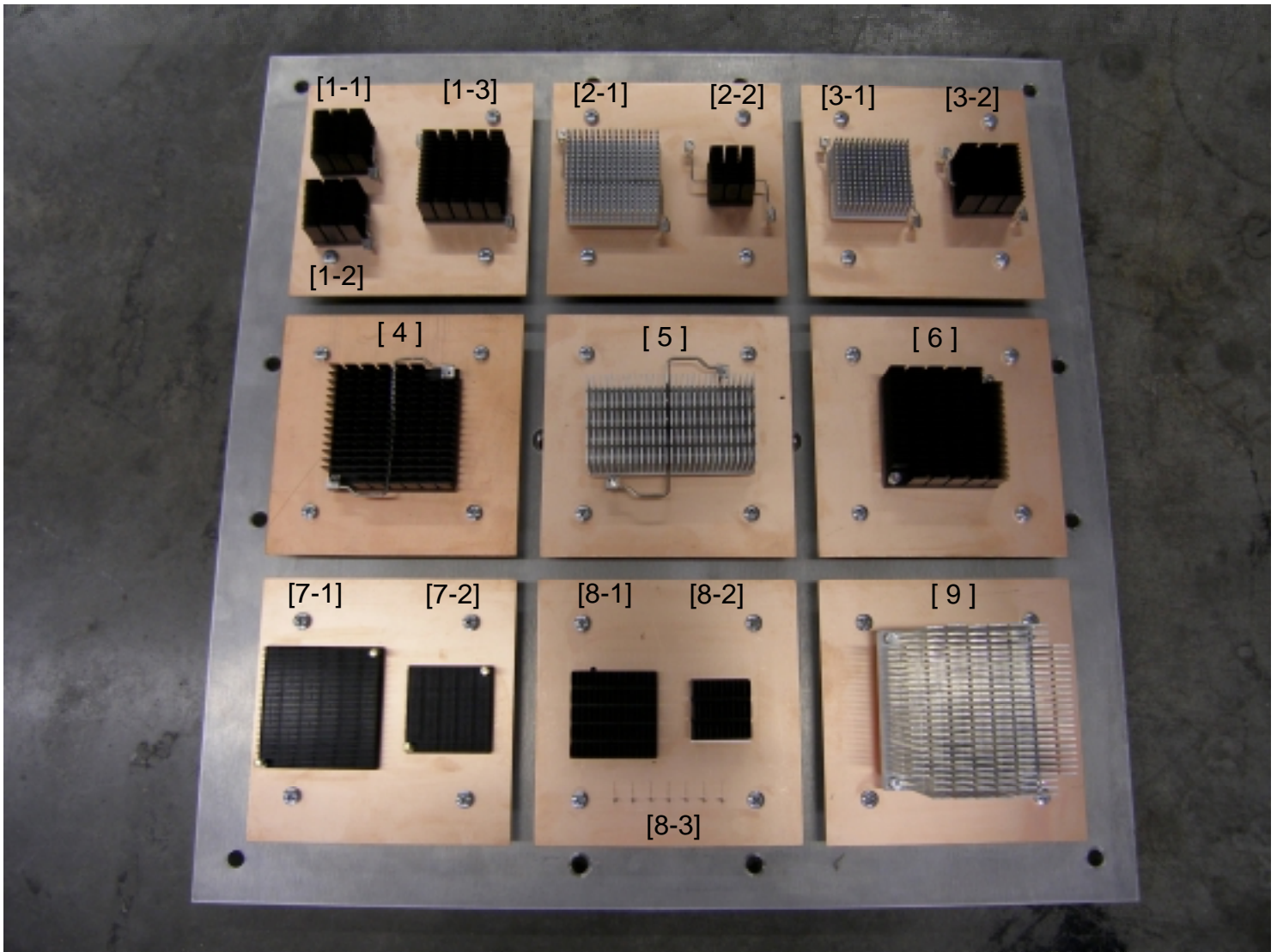


Work Sample Details

For Test Report Quanta Laboratories job #QL-11-0087



[1-1]
PCB
DUMMY-CHIP
HEATSINK
TIM
Z-CLIP
SOLDERLESS ANCHOR
TOTAL FORCE
PCB HOLE SIZE

1.6 THICKNESS
25SQ 2.3 THICKNESS
UB35-25B 23g
T-PCM905C 23SQ
QSZ39x39R
ANCR-11 (ANCR-PIN 11A)
1.25 kgf
1.80 +/-0.05

[1-2]
PCB
DUMMY-CHIP
HEATSINK
TIM
Z-CLIP
SOLDERLESS ANCHOR
TOTAL FORCE
PCB HOLE SIZE

1.6 THICKNESS
25SQ 2.8 THICKNESS
UB35-25B 23g
T-PCM905C 23SQ
QSZ39x39R
ANCR-11 (ANCR-PIN 11A)
2.14 kgf
1.80 +/- 0.05

[1-3]
PCB
DUMMY-CHIP
HEATSINK
TIM
Z-CLIP
SOLDERLESS ANCHOR
TOTAL FORCE
PCB HOLE SIZE

1.6 THICKNESS
25SQ 1.8 THICKNESS
MD54-25B 59g
T-PCM905C 23SQ
QSZ58x58R
ANCR-11 (ANCR-PIN 11A)
2.95 kgf
1.80 +/- 0.05

[2-1]
PCB
DUMMY-CHIP
HEATSINK
TIM
Z-CLIP
SOLDERLESS ANCHOR
TOTAL FORCE
PCB HOLE SIZE

1.6 THICKNESS
25SQ 2.8 THICKNESS
S1560-20W 50.5g
T-PCM905C 23SQ
QSZ64x64R
ANCR-11 (ANCR-PIN 11A)
2.58 kgf
1.80 +/-0.05

[2-2]
PCB
DUMMY-CHIP
HEATSINK
TIM
Z-CLIP
SOLDERLESS ANCHOR
TOTAL FORCE
PCB HOLE SIZE

1.6 THICKNESS
25SQ 2.3 THICKNESS
MD30-25B 15g
T-PCM905C 23SQ
QSZ49x49R
ANCR-11 (ANCR-PIN 11A)
3.13 kgf
1.80 +/-0.05

[3-1]
PCB
DUMMY-CHIP
HEATSINK
TIM
Z-CLIP
SOLDERLESS ANCHOR
TOTAL FORCE
PCB HOLE SIZE

1.6 THICKNESS
25SQ 2.8 THICKNESS
S1550-20W 38g
T-PCM905C 23SQ
QSZ54x54R
ANCR-11 (ANCR-PIN 11A)
2.86 kgf
1.80 +/-0.05

[3-2]
PCB
DUMMY-CHIP
HEATSINK
TIM
Z-CLIP
SOLDERLESS ANCHOR
TOTAL FORCE
PCB HOLE SIZE

1.6 THICKNESS
25SQ 2.8 THICKNESS
MD40-25B 27g
T-PCM905C 23SQ
QSZ44x44R
ANCR-11 (ANCR-PIN 11A)
2.54 kgf
1.80 +/-0.05

[4]
PCB
DUMMY-CHIP
HEATSINK
TIM
Z-CLIP
SOLDERLESS ANCHOR
TOTAL FORCE
PCB HOLE SIZE

1.6 THICKNESS
35SQ 4.7 THICKNESS
HS76-19BM 77.5g
T-PCM905C 33SQ
QZ-CL62.5RX62.5
ANCR-PIN 16A
6.5 kgf
1.80 +/-0.05

[5]
PCB
DUMMY-CHIP
HEATSINK
TIM
Z-CLIP
SOLDERLESS ANCHOR
TOTAL FORCE
PCB HOLE SIZE

1.6 THICKNESS
35SQ 4.7 THICKNESS
L10055-30N(B3) 128g
T-PCM905C 33SQ
QZ-CL62.5RX62.5
ANCR-PIN 16A
6.5 kgf
1.80 +/-0.05

[6]
PCB
DUMMY-CHIP
HEATSINK
TIM
SHOULDER SCREW
SPRING
TOTAL FORCE

1.6 THICKNESS
35SQ 2.0 THICKNESS
UBM70S-25B 120.4g
T-PCM905C 33SQ
SS-13.2
S001YJOW
4.11 kgf

[7-1]
PCB
DUMMY-CHIP
HEATSINK
TIM
PUSH PIN
SPRING
TOTAL FORCE
PCB HOLE SIZE

1.6 THICKNESS
35SQ 2.0 THICKNESS
UBM70-10BP 58g
T-PCM905C 33SQ
PIP2.5x15
S001YJOW
3.0 kgf
2.5 +/-0.05

[7-2]
PCB
DUMMY-CHIP
HEATSINK
TIM
PUSH PIN
SPRING
TOTAL FORCE
PCB HOLE SIZE

1.6 THICKNESS
25SQ 2.0 THICKNESS
ZM50-9.5BP 26g
T-PCM905C 23SQ
PIP2.5x15
S001YJ12
1.0 kgf
2.5 +/-0.05

[8-1]
PCB
DUMMY-CHIP
HEATSINK
THERMALLY CONDUCTIVE TAPE
50PSI(35SQ)=43kgf 10sec

1.6 THICKNESS
35SQ 2.0 THICKNESS
MD50-15B 36g
BP105 35SQ

[8-2]
PCB
DUMMY-CHIP
HEATSINK
THERMALLY CONDUCTIVE TAPE
50PSI(33SQ)=38.3kgf 10sec

1.6 THICKNESS
35SQ 2.0 THICKNESS
MD35-15B 15g
8810 33SQ

[8-3]
PCB
SOLDERLESS ANCHOR

1.6 THICKNESS
ANCR-11

[9]
PCB
DUMMY-CHIP
HEATSINK
TIM
SHOULDER SCREW
SPRING
BACKING PLATE
TOTAL FORCE

1.6 THICKNESS
35SQ 9.2 THICKNESS
L900C-64NT 558g
GREASE G751
SS-22
S001YJ2T
LGA1366BP ASSY
16.7 kgf