



TRAVELER S-35 part B

NOTE: This is a Batch traveler
RESISTANCE AND CONTINUITY CHECK FOR SWTB (Shield Wire Termination Board)

CERTIFICATION CONFIRMATION

1. Did SWTBs to be used have Traveler 34 part A with "PASSED" checked off?
Yes __, No __
2. Have every components to be used in "Electronic Test" kept & packaged UHV cleaned in accordance with STAR cleanliness requirements?
Yes __, No __

IF THE ANSWER TO QUESTION #1 AND/OR #2 ABOVE IS NO ,
BAG AND TAG BOARDS with "**REJECTED-DIRTY**" AND NOTIFY
COGNIZANT ENGINEER. Place these rejected board at "rejected storage
area".

**If answer to question #1 & 2 are "No", repeat question #1 & 2 with new
batches until you find acceptable components.**
If question #1 & 2 are "Yes" go to next part of the inspection.

VISUAL INSPECTION

3. Is there any measling, haloing, exposed fibers and/or delaminations exceeding ANSI/IPC-A-600D Class 3 limits?
Yes __, No __
4. Is there uneven or incomplete etching (use magnifying glass)?
Yes __, No __
5. Are any traces damaged?
Yes __, No __
6. When resting on table is the distance from board surface to table more than 0.050 inches?
Yes __, No __
7. Does the edge of the board have gouges from improper routing?
Yes __, No __

8. Is the break off tab of the board still attach to the board?

Yes __, No __

If the answer to any question 3 - 8 is **YES**, bag and tag the board with "**REJECTED-VISUAL**". Place these rejected board at rejected item storage area.

If the answer to **ALL** questions 3 - 8 is **NO**, go on to next part of the inspection

DIMENSIONAL INSPECTION

9. Measure all Boards

REF. DRAWINGS:

SWTB

DWG# 24A3542 L-1 (Shield Wire Termination Board)

Single Board Dimension: 1.250 X 1.250 ± 0.010 in.

Do all Boards conform to these Dimensions and Tolerances:

Yes __, No __

If the answer to question 9 is **NO** put the board in the bag and attach a tag with "**REJECTED -DIMENSIONS**" written. Place them in the rejected board storage area.

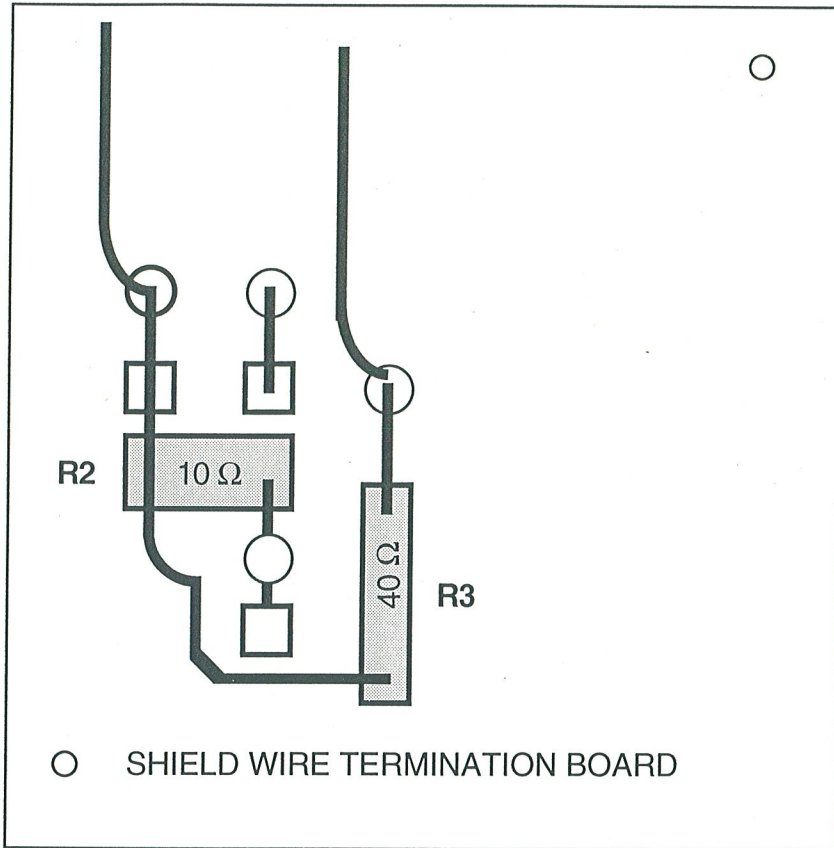
ELECTRONIC INSPECTION

10. Did shield wire termination boards passed continuity test?

Yes __, No __

11. Did shield wire termination boards passed resistance test?
Should measure R2 = 10Ω and R3 = 40Ω

Yes __, No __



INSTRUCTIONS

If shield wire termination boards answered all questions "No" tag the board "REJECTED" and mark below and place it in "reject storage". If shield wire termination boards marked all the questions YES, attach this inspection record and place the board in "to-be-cleaned passed storage". Also check off "passed" below.

PASSED _____ REJECTED _____

Comment:

Inspectors signature _____ Inspection date: __/__/199__



TRAVELER S-36 part A
(BROMINE check / Pre QA check ONLY)

NOTE: This is a Batch traveler
BROMINE CHECK FOR GGCB (Gated Grid Connection Board)

CERTIFICATION CONFIRMATION

1. Are GGCB you will be Bromine testing checked by LBL Electronic Technology group (Headed by Al Kanzaki) to meet IPC_A_600D (Acceptability of Printed Boards) and ANSI/IPC-A-610A (Acceptability of Electronic Assemblies) requirement?
Yes __ , No __

IF THE ANSWER TO QUESTION #1 ABOVE IS **NO** , BAG AND TAG BOARDS with "**NO ELEC. TECH. QA**" AND NOTIFY COGNIZANT ENGINEER. DO NOT GO ANY FURTHER. See instructions below.

2. Have every components to be bromide tested were UHV cleaned accordance with STAR cleaning method?
Yes __ , No __

3. Is the substrate material (NEMA G-10) certified to contain bromide below 200 ppm.
Yes __ , No __
NEMA G_10 Purchase Order # :_(LBL)_____

Name of testing Lab:_____

Test Certificate #:_____

4. Did boards passed Bromine Check using Canary Chamber Test?
(This is to confirm that board substrate material contain bromide below 200 ppm)
Yes __ , No __

If "**No**", separate failed boards from the batch and record the serial # of each of the failed test board on the Traveler 34 Addendum chart and check off "Bromine check failed" and "REJECTED" cells.

INSTRUCTIONS

For board without Elec. Tech. pre QA

Check off "REJECTED" below and place them in the "rejected storage"
Amount not pre QA _____

For board without UHV cleaning (Using STAR cleaning procedure).

Check off "REJECTED" below and place them in the "rejected storage with tag "REJECTED-DIRTY" attached
Amount dirty _____

For Failed Bromine Test Boards

Group the board failed to pass the bromine test in the separate bag and tag "REJECTED-BROMIDE" and check off "REJECTED" below and place them in the "reject storage". Write the amount of board rejected and NOTIFY COGNIZANT ENGINEER.

Amount failed _____

For Boards with Passed Bromine Test and ELEC TECH QA pass mark

Attach this inspection record with tag "PASSED" and place the boards in "to-be-cleaned passed storage" and check off "PASSED" below. Write the amount of boards passed.

Amount passed _____

PASSED _____

REJECTED _____

Inspectors signature _____ Inspection date: __/__/199__



TRAVELER S-36 part B

NOTE: This is a Batch traveler
VISUAL AND CONTINUITY CHECK FOR GGCB (Gated Grid
Connection Board)

CERTIFICATION CONFIRMATION

1. Did GGCBs to be used have Traveler 36 part A with "PASSED" checked off?
Yes __ , No __
2. Have every components to be used in "Electronic Test" kept & packaged for UHVcleaned use in accordance with STAR cleanliness requirements?
Yes __ , No __

IF THE ANSWER TO QUESTION #1 AND/OR #2 ABOVE IS **NO** ,
BAG AND TAG BOARDS with **"REJECTED-DIRTY"** AND NOTIFY
COGNIZANT ENGINEER. Place these rejected board at "rejected storage
area".

**If answer to question #1 & 2 are "No", repeat question #1 & 2 with new
batches until you find acceptable components.**
If question #1 & 2 are "Yes" go to next part of the inspection.

VISUAL INSPECTION

3. Is there any measling, haloing, exposed fibers and/or delaminations exceeding ANSI/IPC-A-600D Class 3 limits?
Yes __ , No __
4. Is there uneven or incomplete etching (use magnifying glass)?
Yes __ , No __
5. Are any traces damaged?
Yes __ , No __
6. When resting on table is the distance from board surface to table more than 0.050 inches?
Yes __ , No __
7. Does the edge of the board have gouges from improper routing?
Yes __ , No __

8. Is the break off tab of the board still attach to the board?

Yes __, No __

If the answer to any question 3 - 8 is **YES**, bag and tag the board with "**REJECTED-VISUAL**". Place these rejected board at rejected item storage area.

If the answer to **ALL** questions 3 - 8 is **NO**, go on to next part of the inspection

DIMENSIONAL INSPECTION

9. Measure all Boards

REF. DRAWINGS:

GGCB

DWG# 24A4521 L-1 (Gated Grid Connection Board)

Single Board Dimension: 1.250 X 1.250 ± 0.010 in.

Do all Boards conform to these Dimensions and Tolerances:

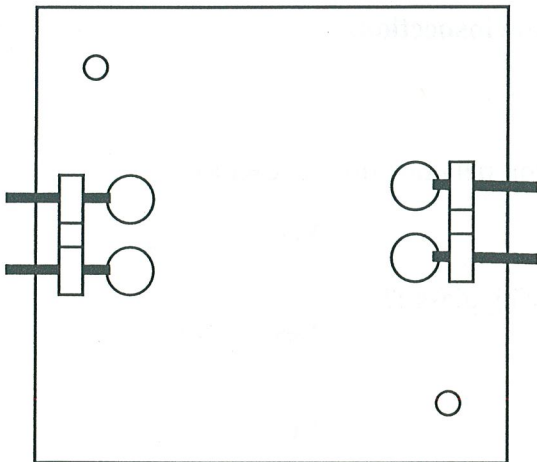
Yes __, No __

If the answer to question 9 is **NO** put the board in the bag and attach a tag with "**REJECTED -DIMENSIONS**" written. Place them in the rejected board storage area.

ELECTRONIC INSPECTION

10. Did Gated Grid Connection Boards passed continuity test?

Yes __, No __



Gated Grid Connection Board

See attached detail drawing 24A4521 L-1

INSTRUCTIONS

If gated grid connection boards answered all questions "**No**", tag the board "**REJECTED**" and mark below and place it in "reject storage". If gated Grid connection boards answered all the questions **YES**, attach this inspection record and place the board in "clean passed storage". Also check off "passed" below.

PASSED _____

REJECTED _____

Comment:

Inspectors signature _____ Inspection date: __/__/199__

