

American Eastern Resourcing

SOURCE INSPECTION REPORT

PO#: _____

1. CUSTOMER: _____

2. VENDOR: _____

3. PRODUCT INFORMATION:

PN: _____

DESCRIPTION: _____

4. INSPECTION DOCUMENTS:

DRILL DRAWING# : _____ ISSUE/REV. _____

PNL DRAWING# : _____ ISSUE/REV. _____

ARTWORK # : _____ ISSUE/REV. _____

HOLE LIST : _____ ISSUE/REV. _____

MAG.TAPE/FLOPPY DISK/PROG. TAPE/CASSETTE TAPE: _____

REF.ECO/FAX : _____

5. INSPECTION CRITERIA:

QC SPECIFICATION NO.: _____ ISSUE/REV. _____

☐ 100% INSPECTION

☐ SAMPLING PLAN

IF A SAMPLING INSPECTION WAS CONDUCTED, COMPLETE THE FOLLOWING:

INSPECTION LEVEL : ☐ REDUCED ☐ NORMAL ☐ TIGHTENED

AQL: _____ LOT SIZE: _____ SAMPLE SIZE: _____

6. SHIPPING DOCUMENT VERIFICATION:

PUT A ☐ IF IT'S CORRECT ON FOLLOWING:

☐ PART NO.

☐ P.O. NO.

☐ QUANTITY

☐ DESCRIPTION OF GOODS AND DESTINATION

☐ COPY OF PACKING LIST INSIDE CARTON NO. 1

☐ ALL WRITTEN INFORMATION ON CARTONS IS CLEAR AND PRECISE

☐ ALL TYPED INFORMATION ON PACKING LIST IS CLEAR AND PRECISE

7. TEST SPECIMEN:

ATTACHED IN CARTON NO. _____

TYPE OF SPECIMEN & QUANTITY: SOLDERABILITY TEST SPECIMENT PCS

MICROSECTION SPECIMEN PCS

8. INSPECTION RESULTS:

100% INSPECTION: NO. ACCEPTED: _____ PCS

NO. REJECTED: _____ PCS

SAMPLING INSPECTION _____ ACCEPTED

_____ REJECTED

FEEI SOURCE INSPECTION: _____ DATE: _____

PART 1. VISUAL INSPECTION

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INSPECTION ITEM		SAMPLE SIZE	ACC/REJ NO.	RESULT		DISPOSITION		REMARKS
				ACC. QTY	REJ. QTY	ACC.	REJ.	
1	SUPPLIER UL LOGO							
2	FLAMMABILITY RATING CODE							
3	REV. LEVEL							
4	DATE CODE							
5	LAMINATE DEFECTS							
6	DELAMINATION							
7	BD. EDGE ROUGHNESS							
8	BOARD DAMAGE							
9	BOARD MATCHES ARTWORK							
10	FOREIGN INCLUSIONS							
11	FLATNESS							
12	COPPER IN NPTH							
13	COPPER NODULES							
14	PLUGGED HOLES							
15	EXTRA/MISS HOLES							
16	ANNULAR RING							
17	CONDUCTOR WIDTH							
18	CONDUCTOR SPACE							
19	LINE VOID/DAMAGE							
20	CONDUCTOR PROTRUSION/NICK							
21	METAL RESIDUE							
22	COPPER EXPOSURE							
23	S/M ON (SMT) PAD							
24	S/M IN PTH							
25	S/M BLISTER							
26	S/M SKIP							
27	SILKSCREEN REGISTRATION							
28	SOLDER SPLASH							
29								

A. HOLE DIAMETER (UNIT: INCH) TOLLERANCE: _____

CODE	REQUIREMENT	ACTUAL	DISPOSITION		CODE	REQUIREMENT	ACTUAL	DISPOSITION	
			ACC.	REJ.				ACC.	REJ.

B. DIMENSION (UNIT: INCH) TOLLERANCE: .X=_____ .XX=_____ .XXX=_____

CODE	REQUIREMENT	ACTUAL	DISPOSITION		CODE	REQUIREMENT	ACTUAL	DISPOSITION	
			ACC.	REJ.				ACC.	REJ.

PART 3. ELECTRICAL TEST

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INSPECTION ITEM		SAMPLE SIZE	ACC/REJ NO.	RESULT		DISPOSITION		REMARKS
				ACC. QTY	REJ. QTY	ACC.	REJ.	
1	OPEN							
2	SHORT							

PART 4. COATING THICKNESS

INSPECTION ITEM		SAMPLE SIZE	ACC/REJ NO.	RESULT		DISPOSITION		REMARKS
				ACC. QTY	REJ. QTY	ACC.	REJ.	
1	COPPER THICKNESS							
2	SN/PB THICKNESS							
3	Ni THICKNESS							
4	Au THICKNESS							
5	VOID IN HOLE							
6	ROUGHNESS							
7	CRACKS							
8	THERMAL STRESS							
9	OSP THICKNESS							

PART 5. SOLDERABILITY & ADHESION TESTS

INSPECTION ITEM		SAMPLE SIZE	ACC/REJ NO.	RESULT		DISPOSITION		REMARKS
				ACC. QTY	REJ. QTY	ACC.	REJ.	
1	DEWETTING							
2	NONWETTING							
3	BLOW HOLES							
4	S/M ADHESION							
5	PLATING ADHESION							
6	G/F ADHESION							
7	S/M & LEGEND SOLVENT TEST							

PART 6. EXTRACT CONDUCTIVITY

INSPECTION ITEM		SAMPLE SIZE	ACC/REJ NO.	RESULT		DISPOSITION		REMARKS
				ACC. QTY	REJ. QTY	ACC.	REJ.	
BELOW 6.4 μ g/sq.in.								