

DDK(THAILAND) Ltd. DDK (THAILAND) LTD. Navanakorn Industrial Estate 55/25 Moo 13, Klong-Luang, Pathumthani 12120 Thailand		MRR/MIR Report <input checked="" type="checkbox"/> Material Rejection Report <input type="checkbox"/> Material Improvement request		Issue No: QA-18-09-003 Date: 5 Sep'18 Supplier: Suzuki Co.,Ltd. Issue By: Prapapan P.																																																													
Defect Mode Structure differenc from drawing			Nonconformity Degree: <input checked="" type="checkbox"/> Critical <input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor																																																														
Item Number: 21410659		Part Name: BB35C-PAA40AB3-522E-DLF		Reject Found Process / Line <input type="checkbox"/> Warehouse <input type="checkbox"/> QA Incoming <input checked="" type="checkbox"/> In-process																																																													
Invoice Number: 18DD121			Lot Number: 180608-2-V-0001																																																														
Lot Q'ty/QA Sampling Q'ty: 37,700 pcs.		Defect Q'ty: 37,700.00 pcs.		%Defect: 100.00%																																																													
Detail&Picture: Regarding to DDK-T found mold insert have DDK-T hold part Q'ty 37,700 pcs.				Problem Category Quality <input type="checkbox"/> Appearance <input type="checkbox"/> Dimension <input checked="" type="checkbox"/> Function <input type="checkbox"/> Others Pls. specify : _____ Delivery <input type="checkbox"/> Missing Part(s) <input type="checkbox"/> No Inspection Record <input type="checkbox"/> Wrong Delivery <input type="checkbox"/> No Delivery Tag <input type="checkbox"/> Wrong Label / Tag <input type="checkbox"/> Incomplete Documents <input type="checkbox"/> Others Pls. specify : _____																																																													
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Disposition on Rejected Parts: <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;">Disposition</th> <th colspan="4" style="width:55%;">Detail/Estimate Cost</th> <th style="width:20%;">Remark</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> Special Accept</td> <td colspan="4">Reason</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Rescreen</td> <td>Q'ty (pcs)</td> <td>Rescreen time(hrs)</td> <td>Rate Charge(Baht)</td> <td>Cost(Baht)</td> <td>0.00</td> </tr> <tr> <td><input type="checkbox"/> Rework</td> <td>Q'ty (pcs)</td> <td>Rework time(sec)</td> <td>Rate Charge(Baht)</td> <td>Cost(Baht)</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> Return</td> <td>Q'ty (pcs) 37,700</td> <td>Cost per piece(baht) 1.249</td> <td></td> <td>Cost(baht)</td> <td>47087.30</td> </tr> <tr> <td><input type="checkbox"/> Scrap Connector</td> <td>Q'ty (pcs)</td> <td>Cost per piece(Baht)</td> <td></td> <td>Cost(Baht)</td> <td>0.00</td> </tr> <tr> <td><input type="checkbox"/> Scrap Part</td> <td>Q'ty (pcs)</td> <td>Cost per piece(Baht)</td> <td></td> <td>Cost(Baht)</td> <td>0.00</td> </tr> <tr> <td><input type="checkbox"/> Replacement</td> <td>Invoice No.:</td> <td colspan="3">Ship Date:</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: right;">Total Cost(Baht)</td> <td>47,087.30</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: right;">Total Cost(US)</td> <td>1,455.11</td> <td></td> </tr> </tbody> </table> <p><i>Note : Exchange rate of charge cost will be upto exchange rate on date issue claim notice</i></p>						Disposition	Detail/Estimate Cost				Remark	<input type="checkbox"/> Special Accept	Reason					<input type="checkbox"/> Rescreen	Q'ty (pcs)	Rescreen time(hrs)	Rate Charge(Baht)	Cost(Baht)	0.00	<input type="checkbox"/> Rework	Q'ty (pcs)	Rework time(sec)	Rate Charge(Baht)	Cost(Baht)		<input checked="" type="checkbox"/> Return	Q'ty (pcs) 37,700	Cost per piece(baht) 1.249		Cost(baht)	47087.30	<input type="checkbox"/> Scrap Connector	Q'ty (pcs)	Cost per piece(Baht)		Cost(Baht)	0.00	<input type="checkbox"/> Scrap Part	Q'ty (pcs)	Cost per piece(Baht)		Cost(Baht)	0.00	<input type="checkbox"/> Replacement	Invoice No.:	Ship Date:				Total Cost(Baht)				47,087.30		Total Cost(US)				1,455.11	
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Request Supplier: 1) Rescreen parts : Request Identify <u> R </u> 2) Part new improvement : Request Identify <u> N </u> <div style="text-align: right; color: red; font-weight: bold;"> <i>Note : Request inform first lot/invoice improvement by e-mail!!!</i> </div>																																																																	
Report to DDK-T Required: <div style="display: flex; justify-content: space-between;"> <div>Initial response due date</div> <div><u>6 Sep'18</u> (Response within 1 working days)</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Corrective Action report due date</div> <div><u>13 Sep'18</u> (Response within 5 working days)</div> </div>																																																																	
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Reply Date <u>26 Sep '18</u> , SOP Request, Please Attach																																																																	

INITIAL REPORT

Issue No.	QA-18-09-003
Claimed Date	5 Sep'18
Revision No.	

1. Background and Problem Description :

Complaint Date :	Invoice No. :18DD121
Supplier Name :Suzuki Co.,Ltd.	Lot ID :180608-2-V-0001
Supplier's Product Name : BB35C-PAA40AB3-522E-DLF	Failure (Ratio%) : 100%
DDK's Product Name :	Where defect happen : Plating process

Defect Description(Customer information)	Defect Photo
structure difference	Please confirm the attached file

2. Investigate Returned Defective Sample / Defect photo :

- 2.1) Appearance As a result of checking the defect picture confirm the tab direction reverse Sample received date : DD / MM / YY
 2.2) Dimension Detail -
 2.3) Other verification Detail -

3. Investigate on Supplier's Keep Sample :

- 3.1) Appearance We confirmed the phenomenon of failure similarly with defect sample
 3.2) Dimension Detail -
 3.3) Other verification Detail -

4. Supplier's Current Process and History Record : Risk to be defect () Defect Risk to flow out to customer ()

- 4.1) Inspection Process Flow Tab Plating → Winding → Molding → Winding → Shipping
 4.2) Production History record : Rewinding after tab plating Work history included
 No change point during molding

5. Root Cause/Flow out Cause :

Root Cause	Flow out Cause
Why1 : Tab winding direction reverse occurred	Why1 : Tab winding direction flow out
Why2 : Because the reverse winding tab was molded	Why2 : The operator missed the image after molding and the sample confirmation
Why3 : In the plating process the tabs were rewound	Why3 : It was not a monitoring item in image inspection
Why4 : Worker made a mistake in winding direction after plating	Why4 : Tab reverse winding has never occurred in the past
Why5 :	Why5 :

Base Of judgment (The reason to show that we know the root cause)

Refer simulation report see below detail

Refer production history record as above mentioned

Simulation test detail

6. Correction(การแก้ไขเบื้องต้น) :

No.	Action detail	Person in-charge	Action Date
	Review of winding direction confirmation rule after plating.	SANNO CO.,LTD	14 Sep '18

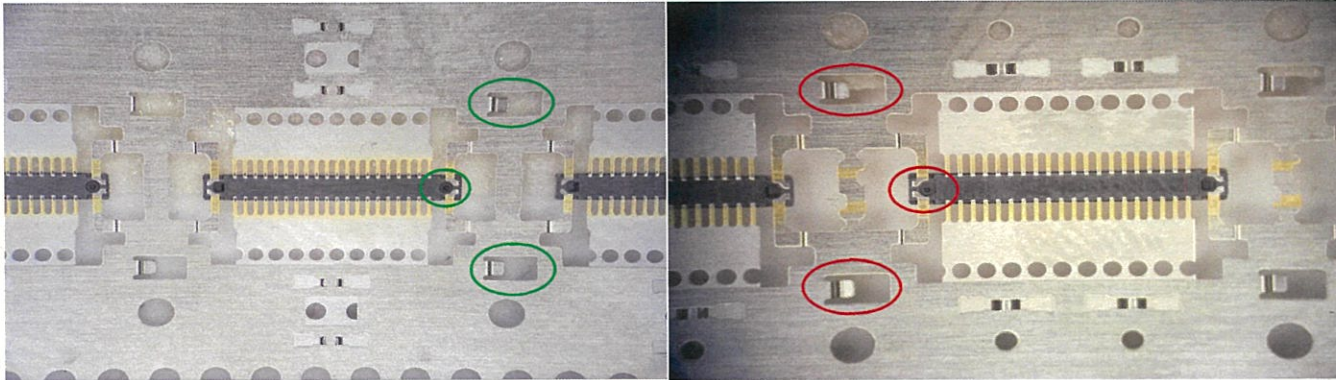
7. Corrective Action(การแก้ไขที่สาเหตุ):

No.	Action detail	Person in-charge	Action Date
	Confirm protector direction by image inspection after molding.	yamamoto	28 Sep '18

8. Expand the Corrective Action for Similar Process / Product(ขยายผลกับกระบวนการและผลิตภัณฑ์ที่คล้ายคลึง) :

No.	Action detail	Person in-charge	Action Date
	We also developed countermeasures horizontally for similar products.	yamamoto	28 Sep '18

Approved By	Checked By	Issued By
<i>Y. Satake</i>	<i>T. Takehana</i>	<i>T. Matsuki</i>
Date : 26 Sep '18	Date : 26 Sep '18	Date : 26 Sep '18



Receiving Label 06

Receiving No: 8014002,8014C11
 Item Number: 21410659 RoHS/HF
 Description: BB35C-PAA40AB3-522E-DLF
 Inv/PK Slip No: 18DD121
 QTY: 37700 PC
 Receipt Date: 21/06/18
 Supplier Name: SUZUKI CO.,LTD.
 Sub-Loc: 04-12-01-09

QA: F170001892 21410659 18DD121 04120109 377
 FWH-10/060606 DDK(THAILAND)LTD. 1 / 1

DDK P/N: BB35C-PAA40A1 3-522F-DL (ANNO)
 Drawing no: G-109772 Rev.1
 DDK Item no: 21410659
 Supplier Lot ID: 180608-2-V-000
 Date Code: 080618
 Q'ty: 37700
 Connecting Point: 0 1 2
 Yield: 3

CONTACT A CONTACT B TAB
 Pressing lot P1 180525 BT 0036B 180525 BT 0036A 180525 BT 0036C
 Plating lot PL S180601 4011A S180601 4004A 18F 8T3

Supplier Lot ID: 180608-2-V-0001

15-000-2

Wind Direction of Reel for BB35C-PAAxxAxx-5XXE-xxx

In Insert Molding Process

Side View



Top View

