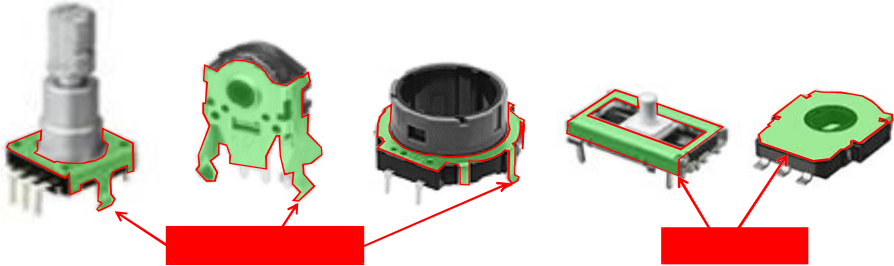


# Product Change Notification

Issue Date: 12-Apr-2021

To: FUTURE

Changing Production	All Encoders, Rotary Potentiometers and Position Sensors				
Changing Part Number	Checking TABLE (See next Page)				
Changing Point	<p>Plating change of Steel Plate witch is used as Mounting Metals and Covers.                      &lt;Parts Example&gt;</p>  <p>&lt;Detail of Changing Point&gt;                      ・Plating Change of Steel Plate</p> <table border="1" data-bbox="646 1171 1356 1234"> <tr> <td>CURRENT</td> <td>NEW</td> </tr> <tr> <td>Zn-Sn-Ni</td> <td>Zn</td> </tr> </table>	CURRENT	NEW	Zn-Sn-Ni	Zn
CURRENT	NEW				
Zn-Sn-Ni	Zn				
Changing Reason	Current Supplier of Steel Plate decided to stop production of Zn-Sn-Ni Plating one. As Alternative, Zn Plating is chosen because of same performance.				
Changing Request Plan	From Jan.2023				
Customer Feedback	Please feedback your agreement of changing process transition until end of May.2021				
Note	* 1st shipment after changing will be informed to each customer with order number and packing sign in advance.				

# Alternative NEW Plating Solder Wettability Test

## <Test Piece>

Plating: ① Current (Zn-Sn-Ni) ② NEW (Zn)

Size: 5 X 20 X 0.4mm

Pre-Treatment: 105°C 100%Rh 8H(PCT)

## <Solder/Flux>

Solder: Sn-3.0Ag-0.5Cu (M705)

Flux: CF-110VH-2A

## <Test Condition>

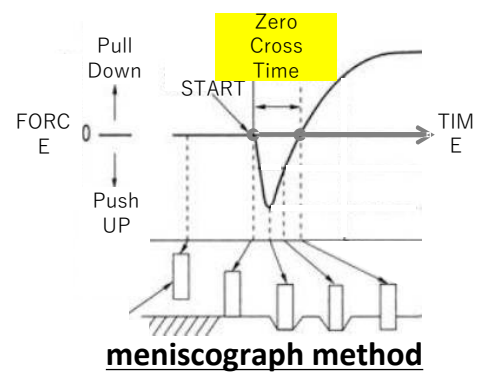
Solder Temp: 255±2°C

Dipping Speed: 5mm/s

Dipping Depth: 3mm

## <Judgment criteria>

Zero Cross Time: 3s max.



## <Result>

	Plating	Zero Cross Time[S]	Judgment [Spec: 3s max]
①	Current (Zn-Sn-Ni)	2.2~2.6	PASS
②	NEW (Zn)	1.6~2.0	PASS

The NEW Plating has better Zero Cross Time than current one for Solder Wettability Test

## List of Affected Parts (Japan Factory)

Global Code グローバルコード 全球代码	Customer Name 貴社名 客户名称	Customer P/N 貴社製品品番 客户产品型号	Panasonic P/N 弊社製品品番 我公司产品型号
8R1DK(40968945)	FUTURE USA	-	EVQV9C00116E
		-	EVWADF001B14
		-	EVWAE4001B14
8R4P5(60982303)	FUTURE UK	-	EVQVV00203B
8R1H8(40968955)	FUTURE VOLUME	-	EVWAEK001B14

Customer Approval 貴社ご確認 客户确认状况	Panasonic Corporation Electromechanical Control Business Division		
	Approved 承認 批准	Checked 確認 确认	Prepared 作成 作成
			

## List of Affected Parts (Vietnam Factory)

Global Code グローバルコード 全球代码	Customer Name 貴社名 客户名称	Customer P/N 貴社製品品番 客户产品型号	Panasonic P/N 弊社製品品番 我公司产品型号
60982303	FUTURE	EVEU22AH512B	EVEU22AH512B
		EVEUDGCG016B	EVEUDGCG016B
		EVEUPCAH516B	EVEUPCAH516B
60989084	FUTURE	EVEUEHCG008B	EVEUEHCG008B
		EVEYECCG508B	EVEYECCG508B
40968945	FUTURE ELECTRON	EVE-U52AH512B	EVEU52AH512B
		EVE-WRHJR012B	EVEWRHJR012B
		EVQ-V5C00315B	EVQV5C00315B
		EVQ-V5J00509B	EVQV5J00509B

Customer Approval 貴社ご確認 客户确认状况	Panasonic Industrial Devices Vietnam Co., Ltd.		
	Approved 承認	Checked 確認	Prepared 作成
			